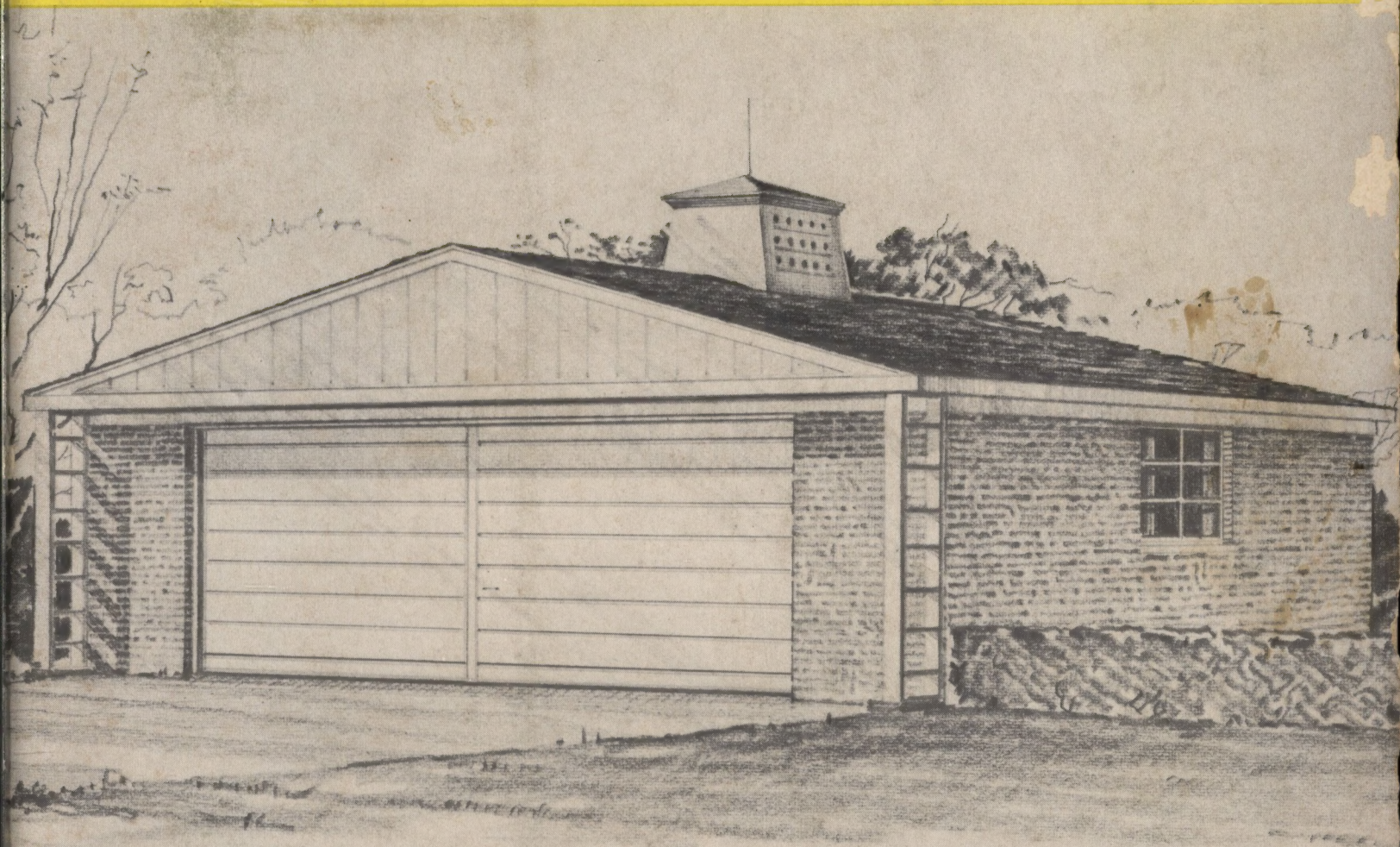


# GARAGE PLANS

*and Ideas*

HOW TO BUILD A BETTER GARAGE



Galvannealed — All-Steel

**STRAND**  
GARAGE DOORS

- Plans and Material Lists for 12 Different Garages
- Construction Blueprints for the Handyman Available



# PLANNING YOUR GARAGE

First of all, of course, garages must meet the primary need of providing protection for the family car or cars. But if you plan adequately before you build the garage, you can also provide added space for storage, and avoid overflowing closets or an overcrowded basement in the home itself. Or you can provide for any number of uses that add to the everyday enjoyment of living.

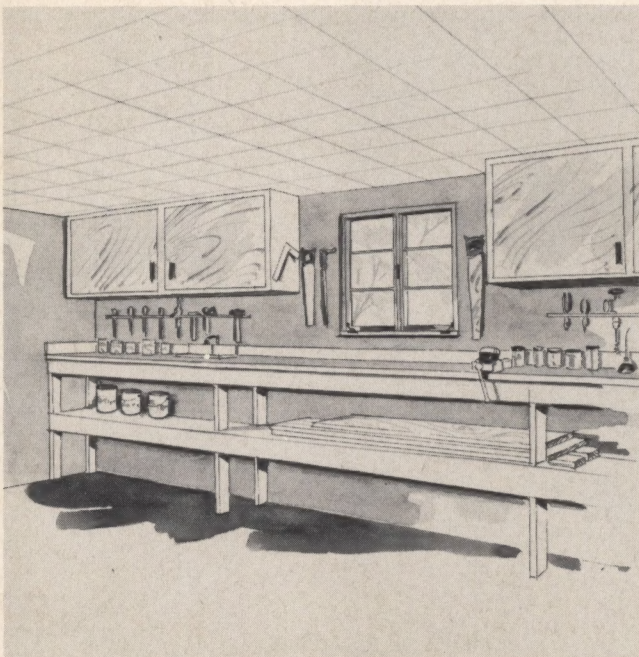
And here's something important to remember: it costs about half as much to provide extra space in the garage as it does to add an equal amount of space in building a home.

## Shelter For Your Car

A garage represents a modest but very wise investment in shelter. It is a *wise* investment because it *protects* a relatively large investment in your car.

Thus your garage protects your car from the weather, from rain, snow, sleet, ice, dust, dirt, sun, which damage chassis and car body. It safeguards the car from petty thievery of parts, such as hub caps, and from theft of the car itself. It insures the car against damage by mischievous children and pranksters.

A garage raises the value of residential property. If well designed, it adds attractiveness as well as utility. It increases the selling price if and when you wish to sell.



The extra space in your 1½ car garage can be used for a full-sized workbench for repairs and the pursuit of a favorite hobby.

## Need Storage Space?

It's no special secret that for a great many years, homes have been "shrinking" in size. With today's construction costs, you don't find many new homes with the generously proportioned rooms and the spacious clothes closets and attic space found in the homes built several decades ago. Perhaps that's why one of the most popular uses for extra room in the garage is to provide needed storage space.

Properly designed, the garage can be used to store garden tools of all kinds, screens, storm windows, storm doors, ladders, sleds, bicycles. Or it might provide storage space instead for the lawn and porch furniture, swings, seats, boats, fertilizer, paint and paint brushes and other useful articles.

## Add to the Joy of Living

If there are times when it would be a relief to have the youngsters off somewhere by themselves, you can provide space in your garage for a children's playroom. Or you can build on a porch where all members of the family can relax in nice weather; and you can screen it for summer comfort.

Many people use a section of the garage for enjoyment of a hobby (after all, a workbench doesn't take up much space!) Such hobbies cover a very large range, but in each case they provide welcome relaxation and add a new interest to life. The number of alternate uses for a garage is almost unlimited. Such as providing a place for a flower sink, lavatory (in a heated garage), wardrobe closet for sporting and rain togs, a cabinet opening outdoors for garden equipment, a doghouse, or an incinerator.

Yes, the use of a little imagination and ingenuity can make your garage an important feature of the homestead!

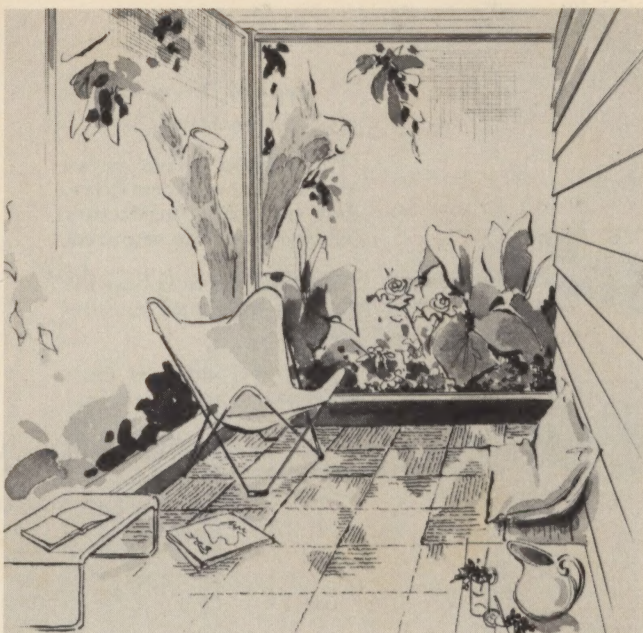
## The Right Garage For You

It is the purpose of this book to provide a wide variety of garage designs, including types for one, two and three cars, and most of them providing extra space for some of the other useful purposes we have mentioned.

## Economy

We realize the importance of economy, and the large proportion of home owners who build, or help build, their own garages. This note of economy is evident in all of the designs selected, with optional additions for both beauty and utility in the plans, but not necessary for the garage to be fully functional.





A porch at the side of your garage provides a spot for the entire family to enjoy their leisure hours, during the warm weather.

### Type of Architecture

The type of architecture you choose for your garage should, usually, be the same as the architecture of your home. If your home is not a definite type of architecture, then choose a garage that suits your own taste.

The type of roof you select for your garage should, of course, harmonize with the architecture of your home. In most instances, a roof of the same type as the roof of your home will assure you of the proper harmony. Usually, you get an effect pleasing to the eye by having the roof of the garage parallel to the roof of the house, or nearly so.

It is usually best, wherever possible, to use the same material in the construction of your garage as you have used in building your home. This is not an absolute rule, however, as a brick colonial house with white trim can very well be nicely complemented by a white frame garage.

### The Garage Door

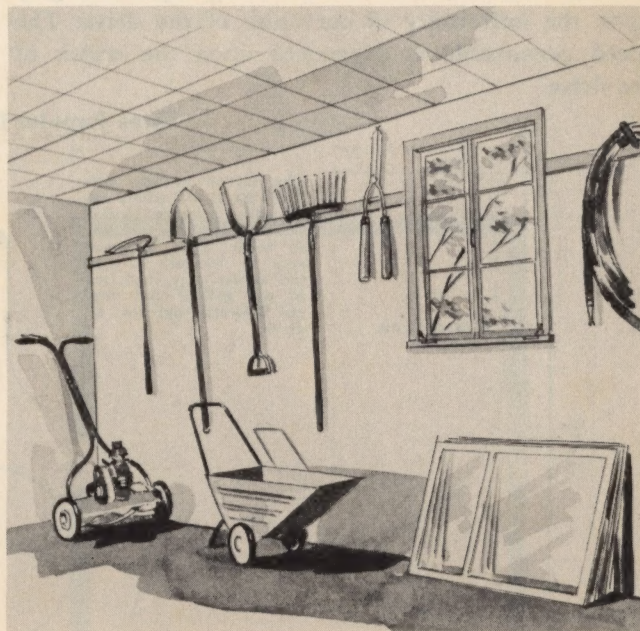
All the garages shown in this book with single doors are designed to use the new STRAND 9' Galvannealed All-Steel Garage Door. This wider door is almost a "must" if you are driving one of today's wider cars. It gives you the added clearance you need, and makes your garage better in every way for both housing and servicing your car. All the garages are designed to give you the additional space inside the garage needed to

open the doors of the wider cars, and the 9' Door allows the housewife to get past the car while carrying all the bundles she has accumulated at the super market, without the customary tight squeeze. Of course, the 8' Door can be installed in any of these garages instead of the 9' Door simply by bringing the jambs in 6" on each side. All other dimensions remain the same.

### The Driveway

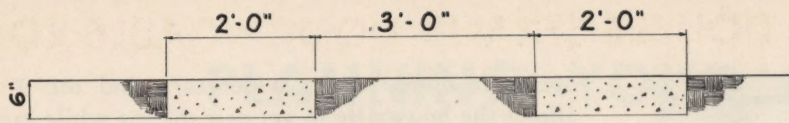
The driveway is also very important. Whether it is long or short, the driveway should be practical, and planned to meet your needs. Note the sketches on page four of this book. The proper dimensions for turning spaces are also given. It is well to allow as much room as possible for both turning and clearance rather than figuring too closely. Be sure to build a driveway that will serve you without daily inconvenience or possible damage to your car.

In planning your driveway there are several important things to consider, in addition to your decision as to type, length, etc. The dimensions of the car, or cars, which will be using the driveway must be taken into consideration. When planning the spaces provided for parking and turning it is well to measure the over-all length (not wheelbase) of these cars. The smallest automobiles measure 11' 7½" in length, the average 18' 0", and the largest 19' 7". It is evident, from these figures, that there can be a great deal of variance in the dimensions of driveways constructed for different cars. The width of your car, or cars, should also be taken into consideration.

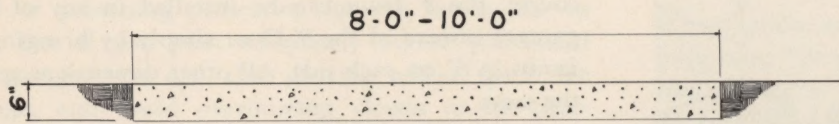


Extra space in your garage is an excellent place to store garden tools, hose, storm windows, etc.

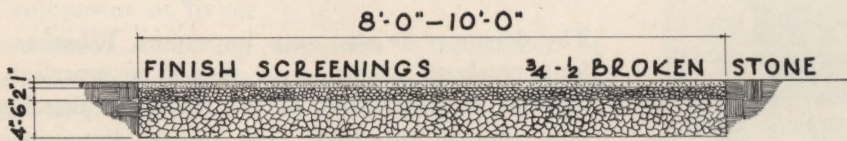




RIBBON DRIVE



SOLID DRIVE



BROKEN STONE

GRAVEL DRIVE

### Typical Driveway Sections

The ribbon drive is an economical concrete drive, but not very satisfactory when curves are required.

The solid drive is best for driving ease and maintenance.

The gravel drive is most economical to install and thus is ideally suited for the long driveways in suburban areas.

The width of the smallest car is 4' 1", the average 6' 6", and the largest 6' 10". In planning your driveway, it is suggested that a clearance of 1' 6" be allowed from the edge of the drive to any objects, shrubs, etc.

If your present car is narrower than some of today's car models, you should also take into account the fact that the next car you own may need greater driveway width for trouble-free operation of the car.

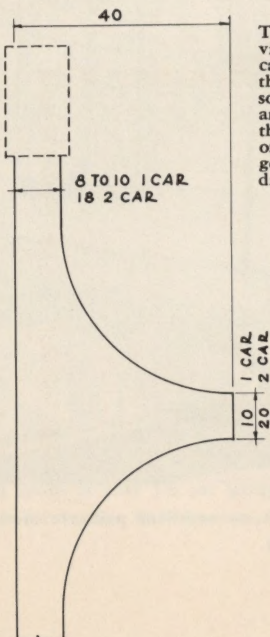
When a car makes a turn, the rear wheels do not follow in the tracks of the front wheels. The drive, therefore, must be wider on the turns than on the straight sections. It is suggested that on gradual turns a minimum of 10' 0" be used. For greater than average turning radius, or greater turning speeds, a wider drive is desirable. The ease of driving depends largely upon the uniformity of curvature of the drive. The speed permissible is dependent upon the width of the drive.

### Build It Yourself — and Save!

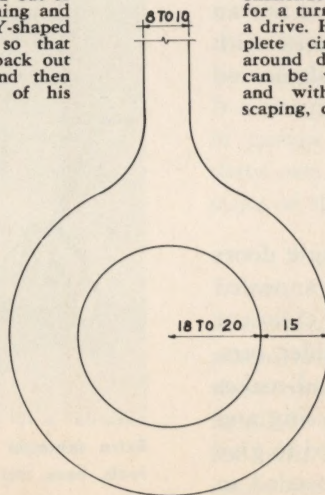
You need not be a professional carpenter in order to build a frame garage. With only a few simple tools, and by carefully following instructions, a handyman can construct his own garage and install his Strand Door in his spare time. The savings are, of course, impressive.

This book contains a material list for each of 12 garage designs. Your lumber dealer will be glad to figure costs on any garage design you select. A Construction Blueprint for any of these designs is available at \$1.00. You can get one from your lumber dealer, or send \$1.00 (check or money order) to STRAND GARAGE DOOR DIVISION, DETROIT STEEL PRODUCTS COMPANY, 2250 East Grand Boulevard, Detroit 11, Michigan.

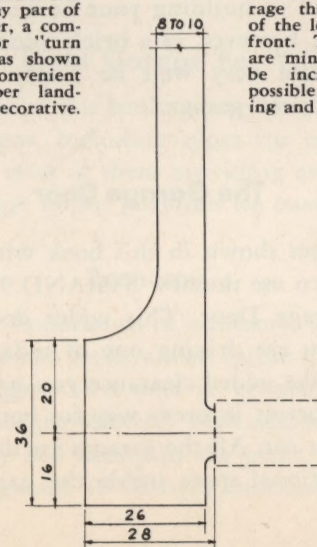
### Three Popular Driveway Layouts



The layout at left provides an apron where the car may be parked out of the way for washing and so forth. This Y-shaped area is located so that the driver may back out of the garage and then go forward out of his drive.



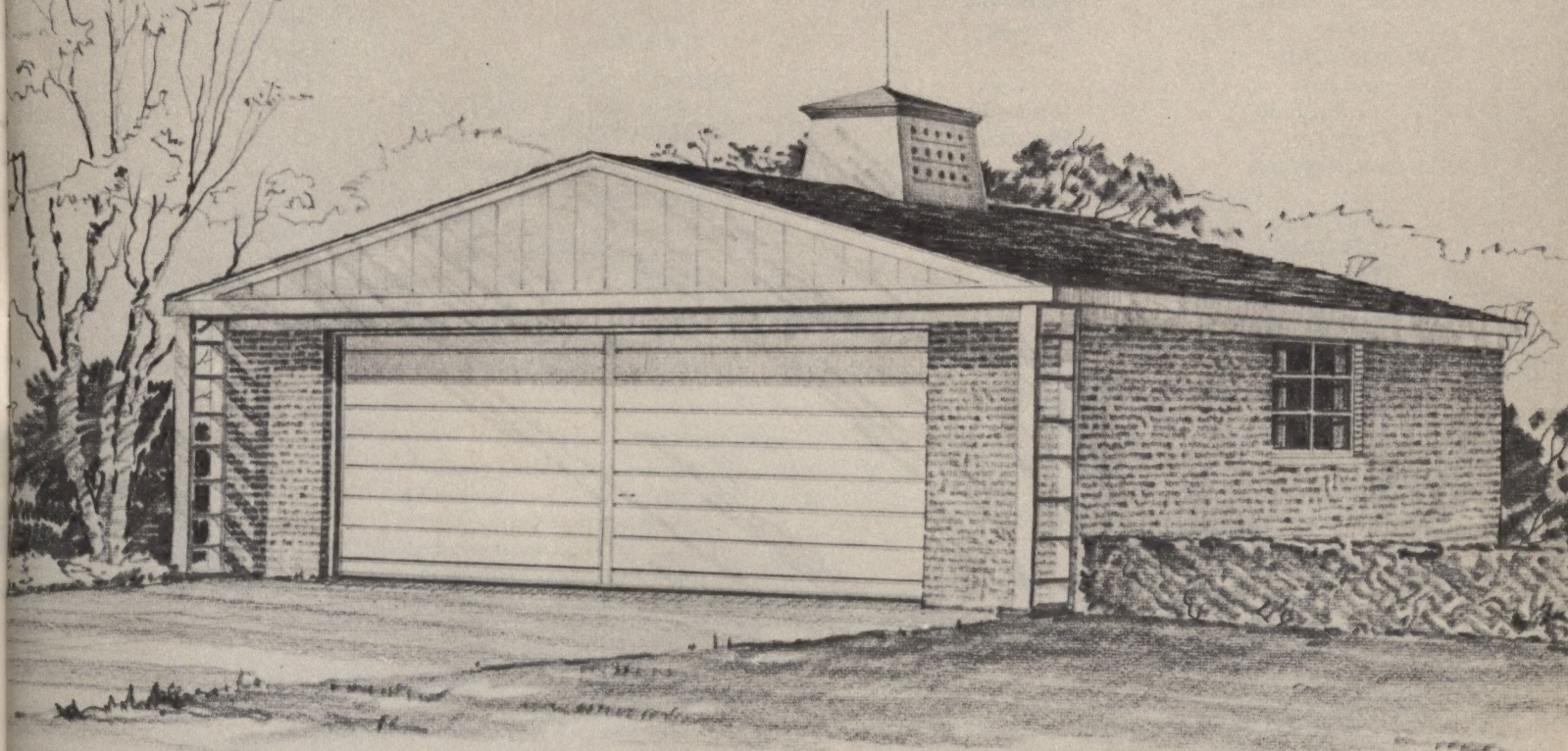
The center illustration is intended to show the recommended minimum size for a turn in any part of a drive. However, a complete circle or "turn around drive" as shown can be very convenient and with proper landscaping, quite decorative.



The third driveway layout is for the lot with a restricted area and a garage that faces the side of the lot rather than the front. The sizes shown are minimum and should be increased whenever possible for greater turning and parking ease.



# BRICK VENEER • 2-CAR • DOUBLE STRAND DOOR • GABLE ROOF

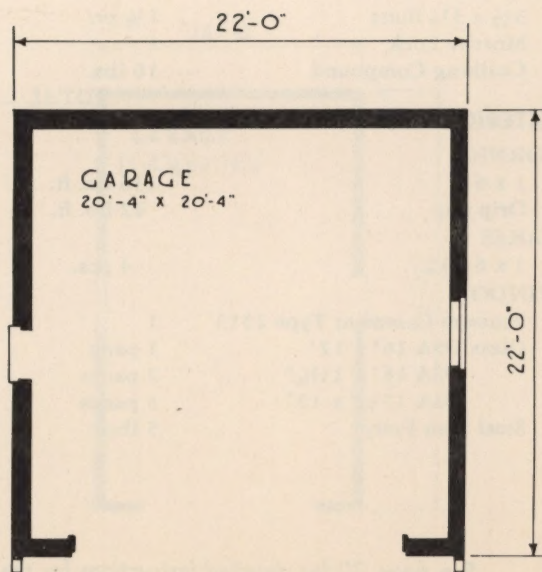


STRAND  
DESIGN NO.  
1

This brick veneer two-car garage with gable roof is enhanced by a trellis on either side of the double garage doors. Details for cupola are included with blueprints for future addition if desired. There is ample room inside for storage of garden tools on both sides of garage.

## CONSTRUCTION BLUEPRINT \$1.00

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





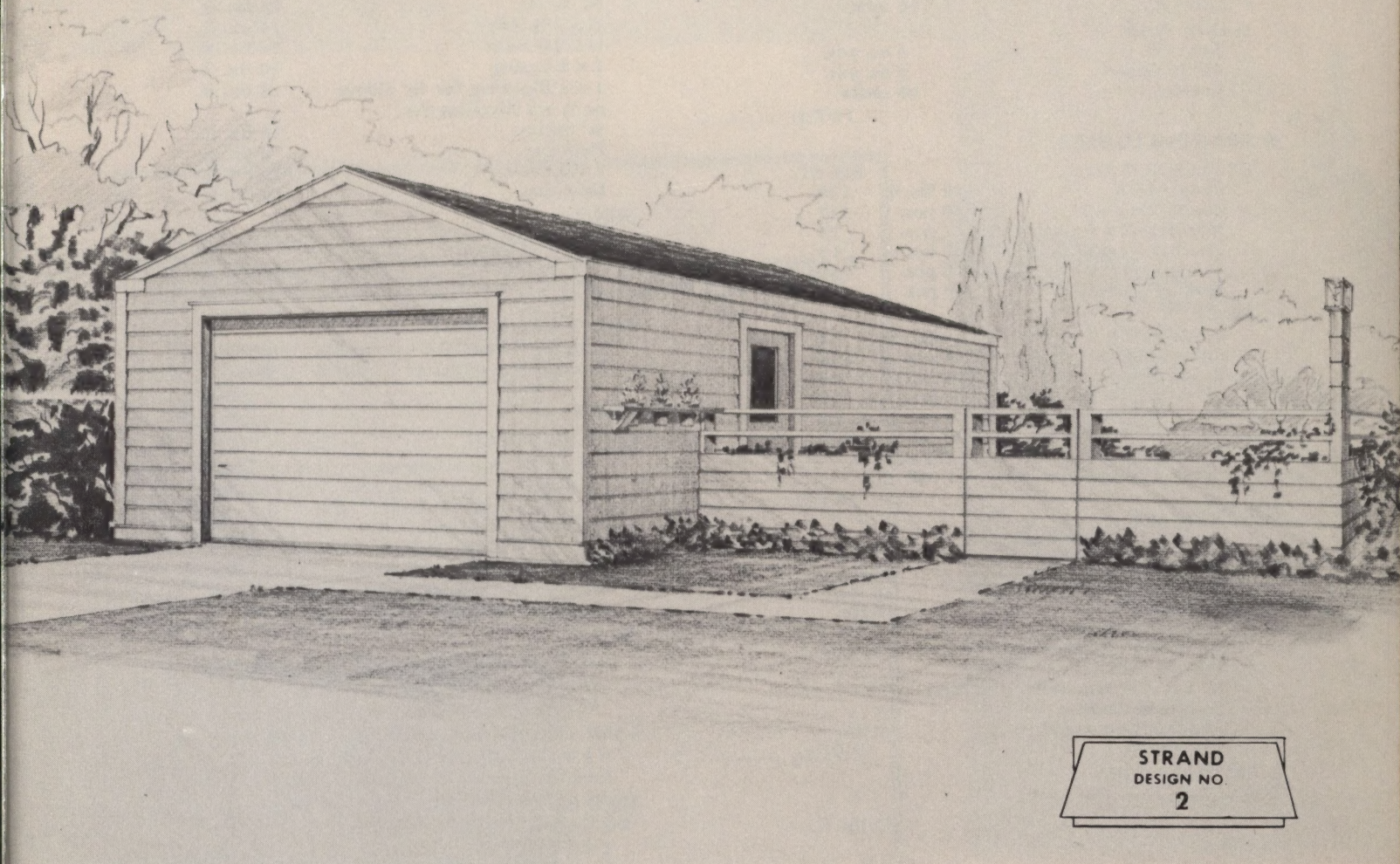
# MATERIAL LIST FOR STRAND GARAGE NO. 1

ITEM (Material, Type, &/or Size)	QUANTITY	COST	ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>			<b>WINDOW FRAMING</b>		
<b>FOUNDATION WALLS</b>			Sill 1 1/4 x 8-4'	4 bd. ft.	
60/40 Gravel	4 1/2 cu. yds.		1 x 2	12 lin. ft.	
Cement	21 sacks		1 x 3	12 lin. ft.	
<b>FLOOR SLAB</b>			Brick Mold	12 lin. ft.	
Sand Fill	6 cu. yds.		<b>DOORS</b>		
60/40 Gravel	6 cu. yds.		2/6 x 6/8-1 3/4" Glazed Door	1	
Cement	28 sacks		16/0 x 7/0 Strand Track		
<b>BRICK VENEER</b>			Type Double Garage Door	1	
Brick	3650 pcs.		<b>DOOR FRAMING</b>		
Metal Ties	400 pcs.		Brick Mold	48 lin. ft.	
50/50 Sand	3 1/2 cu. yds.		3/8" x 2 1/2" Panel Mold	22 lin. ft.	
Mortar	21 sacks		<b>TRELLIS</b>		
<b>TOTAL</b> _____			2 x 6	50 lin. ft.	
<b>● FRAMING LUMBER</b>			<b>SIDING</b>		
<b>EXTERIOR WALLS</b>			Vertical Boards	160 bd. ft.	
Plate-2 x 4	234 lin. ft.	Bd. Ft. 156	<b>TOTAL</b> _____		
Studs-2 x 4-8'	84 pcs.	446	<b>● CUPOLA</b>		
Studs-2 x 6-8'	2 pcs.	16	1 x 8 x 2' 10" Roof Frame	2 pcs.	
Headers-2 x 10-22'	2 pcs.	72	Side "A"-3/4" waterproof plywood-2' 6" x 2' 0"	2 pcs.	
Bracing-1 x 6-12'	6 pcs.	36	Side "B"-3/4" waterproof plywood-2' x 4 1/2" x 2' 0"	3 pcs.	
Bracing-2 x 4-8'	2 pcs.	11	Roof-3/4" waterproof plywood-2' 4" x 1 1/2"	4 pcs.	
<b>ROOF</b>			45° angle corner block-3/4" x 6" x 6"	2 pcs.	
Blocking-1 x 4	48 lin. ft.	16	2 x 2 base	12 lin. ft.	
Blocking-2 x 4-(Outlookers)	75 lin. ft.	50	3/4" x 3 1/2" x 3 1/2" plywood (cut from scrap)	1 pc.	
Sheathing-1" boards	600 bd. ft.	600	Sheet Metal 12" x 32"	2 pcs.	
Roof Ridge-2 x 8	24 lin. ft.	32	Sheet Metal-12" x 36"	2 pcs.	
Rafters-2 x 6-14'	36 pcs.	504	Screen 12" x 24"	2 pcs.	
Ties-2 x 4-22'	6 pcs.	88	<b>NAILS</b>		
Roof Boards-1 x 6	742 bd. ft.	742	6d casing for mold	1/4 lb.	
Shingles-Asphalt	7 squares		6d common for 3/4" plywood	1 lb.	
Felt Paper-15 lb. Felt Paper (roof & walls)	2 rolls		8d common for base	1 lb.	
Track Support-2 x 4	22 lin. ft.	12	Tacks for screen	1 box	
<b>TOTAL</b> _____			3d common for 1/2" strips	1/8 lb.	
<b>● HARDWARE</b>			<b>PAINT</b>		
16d Common Nails	40 lbs.		exterior primer	1 gal.	
8d Common Nails	50 lbs.		exterior house paint	2 gals.	
8d Casing Nails	5 lbs.		<b>TOTAL</b> _____		
1" Roofing Nails	18 lbs.		<b>All quotations on material should specify Grade and Type.</b>		
1/2" x 6" Carriage Bolts with Nuts	20		<b>●</b>		
1/2" Flat Washers	20		Material and labor cost for laying concrete pavement for a garage-to be _____ inches thick \$ _____		
3 1/2 x 3 1/2 Butts	1 1/2 pr.		Material and labor-for driveway to garage, dimensions _____, to be _____ inches thick \$ _____		
Mortise Lock	1		Building permit cost \$ _____		
Caulking Compound	10 lbs.		Contractor's fee \$ _____		
<b>TOTAL</b> _____			Any other costs \$ _____		
<b>● EXTERIOR TRIM</b>			<b>TOTAL</b> _____		
<b>CORNICE</b>			Your cost (including financing charge) _____ monthly, financed over _____ months.		
1 x 6	236 lin. ft.				
Drip Cap	42 lin. ft.				
<b>RAKES</b>					
1 x 6-12'	4 pcs.				
<b>WINDOW</b>					
Fenestra Casement Type 2313	1				
Glass DSA 16" x 12"	1 pane				
DSA 16" x 11 5/16"	2 panes				
DSA 17 1/4" x 12"	3 panes				
Steel Sash Putty	5 lbs.				

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



# FRAME • 1-CAR • SINGLE STRAND DOOR • LOW COST

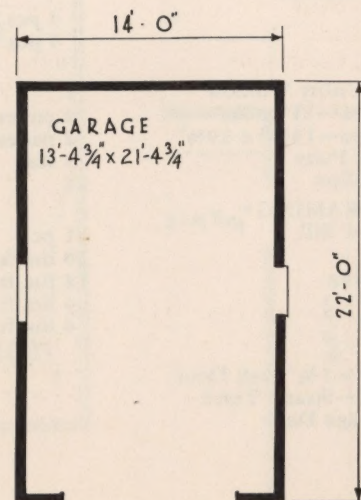


STRAND  
DESIGN NO.  
2

This ECONOMY MODEL 1-car garage is planned for frame construction with wood siding. The attractive gable roof adds to the design and a color accent is featured in the flower pot shelf on side. Ranch style fence and lamp-post details are included in plans, to be added at some future date.

## CONSTRUCTION BLUEPRINT \$1.00

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





# MATERIAL LIST FOR STRAND GARAGE NO. 2

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>		
<b>FOUNDATION WALLS</b>		
60/40 Gravel	3 1/2 cu. yds.	
Cement	16 sacks	
<b>FLOOR SLAB</b>		
Sand Fill	4 cu. yds.	
60/40 Gravel	4 cu. yds.	
Cement	18 sacks	
	<b>TOTAL</b>	_____
<b>● FRAMING LUMBER</b>		
<b>EXTERIOR WALLS</b>		
		BD. FT.
Plate—2 x 4	189 lin. ft.	126
Studs—2 x 4—7'	70 pcs.	327
Headers—2 x 6—14'	2 pcs.	28
Headers—2 x 4	20 lin. ft.	13
Bracing—1 x 6—12'	6 pcs.	36
Bracing—2 x 4—8'	2 pcs.	11
<b>ROOF</b>		
Ridge—2 x 8	24 lin. ft.	32
Rafters—2 x 6	36 pcs.	288
Blocking—1 x 4	48 lin. ft.	16
Ties—2 x 4—14'	6 pcs.	56
Track Support—2 x 4—14'	1 pc.	10
Roof Boards—1 x 6	400 bd. ft.	400
Shingles—Asphalt	3 1/2 squares	
Felt—15 lb. Building Felt	1 roll	
	<b>TOTAL</b>	_____
<b>● HARDWARE</b>		
16d Common Nails	25 lbs.	
8d Common Nails	25 lbs.	
7d Box Nails	18 lbs.	
1" Roofing Nails	12 lbs.	
8d Casing Nails	5 lbs.	
3 1/2" x 3 1/2" Butts (Hinge)	1 1/2 pair	
Mortise Lock	1	
1/2" x 6" Carriage Bolts with Nuts	23	
1/2" Flat Washers	23	
Caulking Compound	10 lbs.	
	<b>TOTAL</b>	_____
<b>● EXTERIOR TRIM</b>		
<b>CORNICE</b>		
1 x 6	52 lin. ft.	
<b>RAKES</b>		
1 x 6	32 lin. ft.	
<b>DRIP CAP</b>		
Drip Cap	66 lin. ft.	
1 x 6	66 lin. ft.	
<b>CORNER BOARDS</b>		
1 x 3—7'	4 pcs.	
1 x 4—7'	4 pcs.	
<b>WINDOW</b>		
Fenestra Utility Window	1	
Sheet Glass—15" x 20"	2 panes	
Sheet Glass—15 3/8" x 19 3/8"	2 panes	
Steel Sash Putty	5 lbs.	
Glazing Clips	24	
<b>WINDOW FRAMING</b>		
1 1/4 x 8—4' Sill	1 pc.	
1/2 x 3	20 lin. ft.	
1 x 3 Casing	12 lin. ft.	
Drip Cap	4 lin. ft.	
1/4 Round	4 lin. ft.	
<b>DOOR</b>		
2/6 x 6/8—1 3/4" Sash Door	1	
9/0 x 7/0—Strand Track Type Garage Door	1	

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>DOOR FRAMING</b>		
1 x 2 Blocking for 3/4" Siding or 3/4 x 2 Blocking for 3/4" Siding	24 lin. ft.	
3/4 x 2 1/2 Filler	24 lin. ft.	
1/2 x 2 3/4 Stop	14 lin. ft.	
1 x 4 Casing	18 lin. ft.	
1 x 2 Blocking for 3/4" Siding or 3/4 x 2 Blocking for 3/4" Siding	20 lin. ft.	
3/4" Siding	18 lin. ft.	
Drip Cap	18 lin. ft.	
1 x 6 Casing	4 lin. ft.	
Drip Cap	40 lin. ft.	
	10 lin. ft.	
<b>SIDING</b>		
Wood Siding	600 bd. ft.	
Flower Pot Shelf		
1 x 10	6 lin. ft.	
2 x 4	3 lin. ft.	
<b>PAINT (Garage only)</b>		
Exterior Primer	1 1/2 gal.	
Exterior House Paint	3 gal.	
	<b>TOTAL</b>	_____

<b>● FENCE</b>		
<b>GATE MATERIAL</b>		
2 x 4 x 36" top & bottom	2 pcs.	
2 x 4 x 32 3/4" horizontal pcs.	2 pcs.	
2 x 4 x 42" cross bracing (cut to fit)	2 pcs.	
2 x 4 x 38" sides	2 pcs.	
1 x 6 V-cut boards 36" long	5 pcs.	
4 x 4 x 6' long fence posts	2	
Hinges, screws and a latch	2	
<b>NAILS</b>		
10d finish nails	1/2 lb.	
8d finish nails	1/2 lb.	
6d finish nails	1/4 lb.	
<b>LAMP POST MATERIALS</b>		
4 x 4 x 10' 0" long lamp post	1	
Outdoor lantern	1	
<b>MATERIAL FOR 8 LIN. FT. OF FENCE</b>		
4 x 4 x 6' 6" long fence post	1	
2 x 4 x 93 1/8" long horizontal pcs.	4 pcs.	
2 x 4 x 24 1/4" long	2 pcs.	
1 x 6 V-cut boards	46 lin. ft.	
<b>NAILS</b>		
10d finish	1 lb.	
8d finish	1/2 lb.	
6d finish	1/2 lb.	
	<b>TOTAL</b>	_____

All quotations on material should specify Grade and Type.

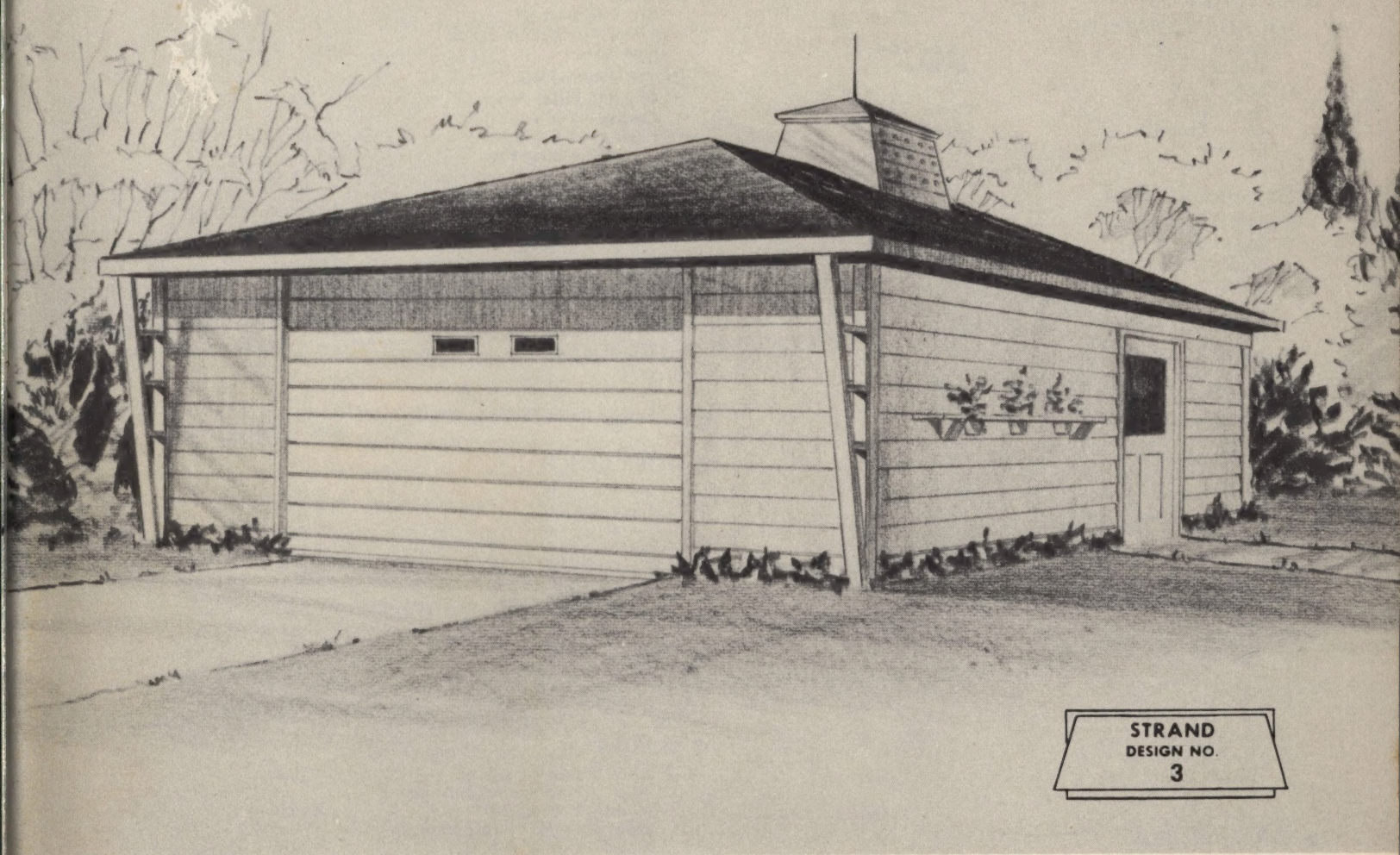
Material and labor cost for laying concrete pavement for a garage—to be _____ inches thick	\$ _____
Material and labor—for driveway to garage, dimensions _____, to be _____ inches thick	\$ _____
Building permit cost	\$ _____
Contractor's fee	\$ _____
Any other costs	\$ _____
	_____
	_____
	_____
	<b>TOTAL</b> _____

Your cost (including financing charge) \_\_\_\_\_ monthly, financed over \_\_\_\_\_ months.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



# FRAME • 1½-CAR • SINGLE STRAND DOOR • HIP ROOF



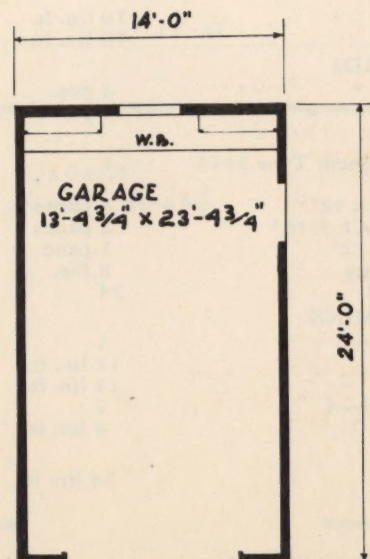
STRAND  
DESIGN NO.  
3

Lights in Strand door optional.

The Strand door of the 1½ car garage shown here is flanked by a slanting trellis which will create interesting shadow patterns and focus attention on the attractive exterior with hip roof. A handy bench for work shop is provided to the rear and a flower pot shelf is noted on the side. Details of cupola are included with plans.

## CONSTRUCTION BLUEPRINT \$1.00

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# MATERIAL LIST FOR STRAND GARAGE NO. 3

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>		
<b>FOUNDATION WALLS</b>		
60/40 Gravel	4 cu. yds.	
Cement	18 sacks	
<b>FLOOR SLAB</b>		
Sand Fill	4½ cu. yds.	
60/40 Gravel	4½ cu. yds.	
Cement	21 sacks	
	<b>TOTAL</b>	_____
<b>● FRAMING LUMBER</b>		
<b>EXTERIOR WALLS</b>		
Plate—2 x 4	240 lin. ft.	Bd. Ft. 160
Studs—2 x 4—8'	72 pcs.	384
Headers—2 x 6—14'	2 pcs.	28
Headers—2 x 4	20 lin. ft.	13
Bracing—1 x 6—12'	6 pcs.	36
Bracing—2 x 4—8'	2 pcs.	11
<b>ROOF</b>		
Ridge—2 x 8	12 lin. ft.	16
Hips—2 x 6	48 lin. ft.	48
Rafters—2 x 6—9'	40 pcs.	360
Blocking—1 x 4	88 pcs.	29
Blocking—2 x 4	66 lin. ft.	44
Ties—2 x 4—14'	5 pcs.	47
Roof Boards—1 x 6	650 bd. ft.	650
Building Felt—15-lb. Felt	1½ Rolls	
Shingles—Asphalt	5½ squares	
Track Support—2 x 4	14 lin. ft.	10
	<b>TOTAL</b>	_____
<b>● HARDWARE</b>		
16d Common Nails	30 lbs.	
8d Common Nails	30 lbs.	
7d Box Nails	20 lbs.	
1" Roofing Nails	15 lbs.	
8d Casing Nails	6 lbs.	
Carriage Bolts & Nuts—½" x 6"	23	
Flat Washers—½"	23	
Caulking Compound	10 lbs.	
Butts—3½" x 3½"	1½ pr.	
Mortise Lock	1	
	<b>TOTAL</b>	_____
<b>● EXTERIOR TRIM</b>		
<b>CORNICE</b>		
1 x 6	84 lin. ft.	
1 x 4	80 lin. ft.	
Soffit Boards	42 sq. ft.	
¾" Quarter Round	80 lin. ft.	
<b>DRIP CAP</b>		
Drip Cap	70 lin. ft.	
1 x 6	70 lin. ft.	
<b>CORNER BOARDS</b>		
1 x 3—7'	4 pcs.	
1 x 4—7'	4 pcs.	
<b>WINDOW</b>		
Fenestra Casement Type 2313	1	
Glass		
DSA 17½" x 12"	3 panes	
DSA 16" x 11 5/16"	2 panes	
DSA 16" x 12"	1 pane	
Steel Sash Putty	8 lbs.	
Glazing Clips	24	
<b>WINDOW FRAMING</b>		
Sill—1¼ x 8—4'	1	
½ x 2	12 lin. ft.	
¾ x 2	12 lin. ft.	
Casing—1 x 4—4'	2	
¼ Round	4 lin. ft.	
<b>TRELLIS</b>		
2 x 6	34 lin. ft.	

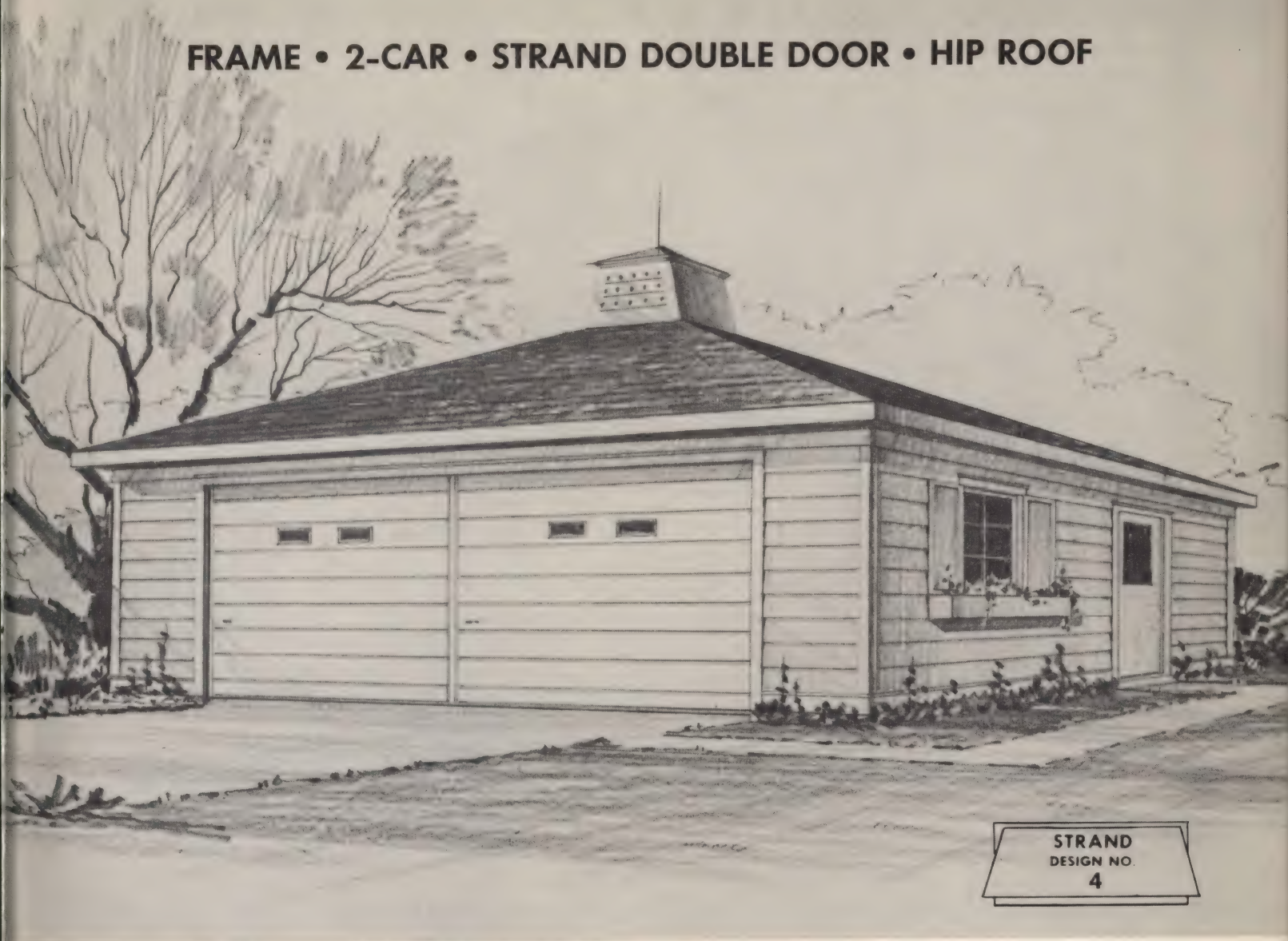
ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>DOORS</b>		
2/6 x 6/8—1¾"	1	
9/0 x 7/0 Strand Track type door	1	
<b>DOOR FRAMING</b>		
¾ x 2½ Filler Strip	14 lin. ft.	
Casing—1 x 4—7'	2	
Casing—1 x 6—10'	1 pc.	
1 x 2 Blocking for ¾" Siding	30 lin. ft.	
or ¾ x 2 Blocking for ¾" Siding	30 lin. ft.	
½ x 2½ Stop	18 lin. ft.	
1 x 4 Casing	20 lin. ft.	
1 x 2 Blocking	28 lin. ft.	
or ¾ x 2 Blocking	28 lin. ft.	
Drip Cap	4 lin. ft.	
<b>SIDING</b>		
Wood siding	650 bd. ft.	
<b>PAINT</b>		
Primer Exterior Grade	1½ gals.	
House Paint Exterior Grade	4 gals.	
	<b>TOTAL</b>	_____
<b>● WORK BENCH</b>		
2 x 4—2'10 3/8"	8 pcs.	
1 x 4—1' 11"	16 pcs.	
1 x 4—13' 2"	1 pc.	
1 x 2—1' 11"	2 pcs.	
1 x 6—13' 2"	2 pcs.	
2 x 12—12' 2"	2 pcs.	
1" Boards for shelf	27 sq. ft.	
	<b>TOTAL</b>	_____
<b>● OPEN SHELVES</b>		
1 x 3 Shelving	14 lin. ft.	
	32 sq. ft.	
	<b>TOTAL</b>	_____
<b>● CUPOLA</b>		
Roof Frame—1 x 8 x 2'—10"	2 pcs.	
Side "A"—¾" waterproof plywood—2' 6" x 2' 0"	2 pcs.	
Side "B"—¾" waterproof plywood—2' 4½" x 2' 0"	3 pcs.	
Roof ¾" waterproof plywood—2' 4" x 1' 1½"	4 pcs.	
45° angle corner block—¾" x 6" x 6"	2 pcs.	
2 x 2 base	12 lin. ft.	
¾" x 3½" x 3½" plywood (cut from scrap)	1 pc.	
Sheet Metal 12" x 32"	2 pcs.	
Sheet Metal 12" x 36"	2 pcs.	
Screen 12" x 24"	2 pcs.	
<b>NAILS</b>		
6d casing for mold	¼ lb.	
6d common for ¾" plywood	1 lb.	
8d common for base	1 lb.	
Box tacks for screen		
3d common for ½" strips	⅛ lb.	
	<b>TOTAL</b>	_____

All quotations on material should specify Grade and Type.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



**FRAME • 2-CAR • STRAND DOUBLE DOOR • HIP ROOF**



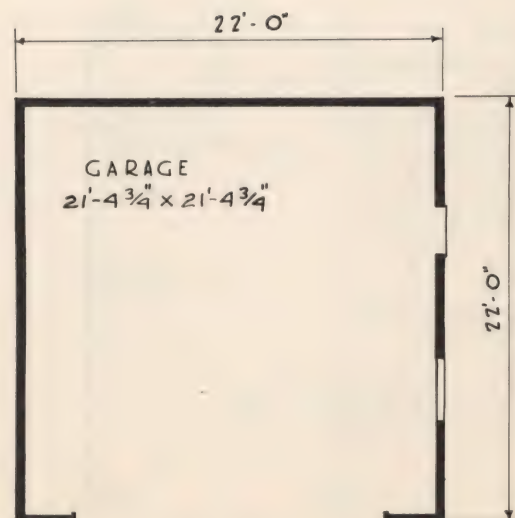
**STRAND  
DESIGN NO.  
4**

Lights in Strand door optional.

The hip roof of this two-car garage complements the low lines of ranch homes. A flower box and window shutters are featured here with the Fenestra steel casement window. Flower box and cupola details are provided with plans. The double door permits the use of one side as private storage space if desired. A work bench in rear is provided for.

**CONSTRUCTION BLUEPRINT \$1.00**

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





# MATERIAL LIST FOR STRAND GARAGE NO. 4

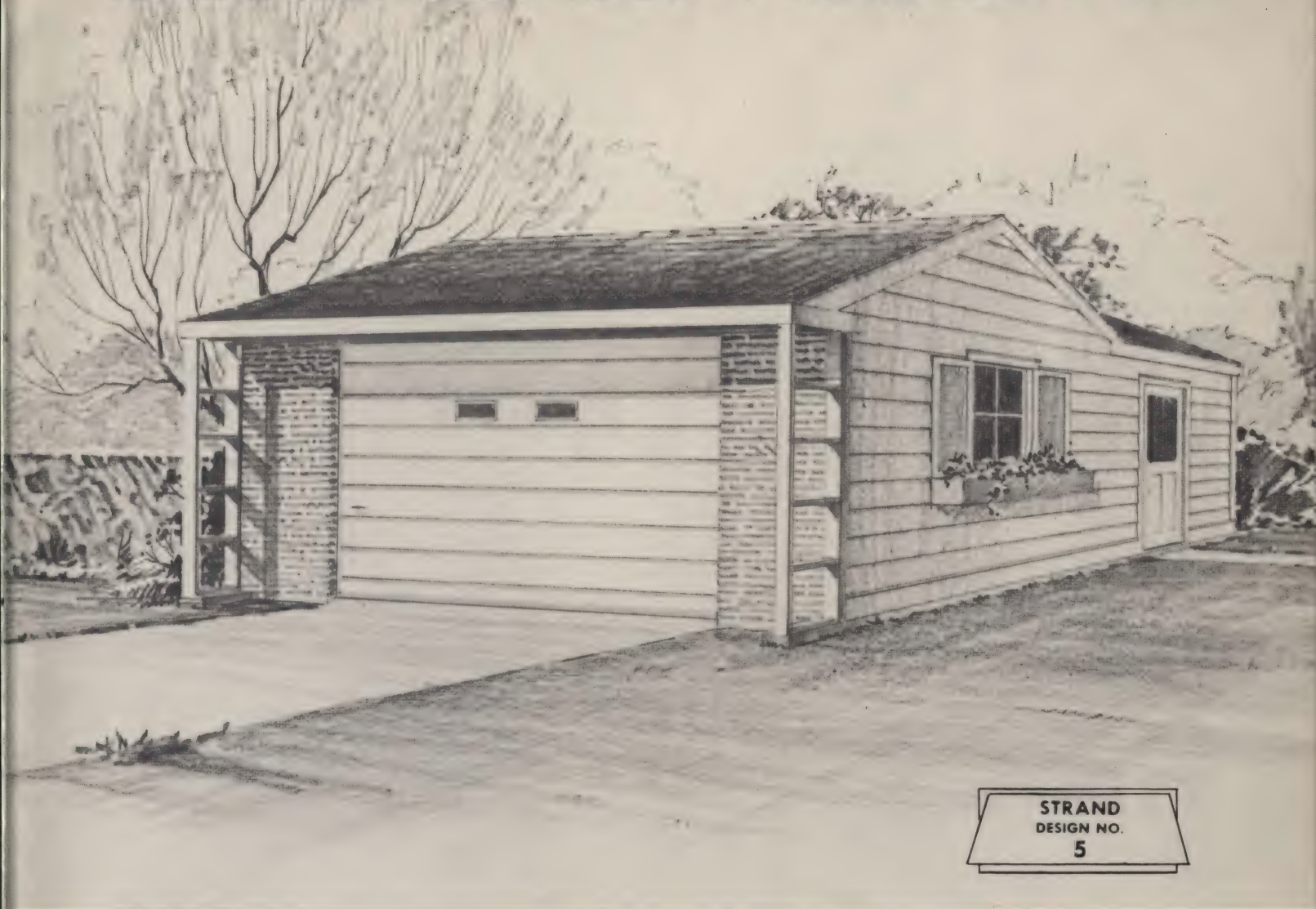
ITEM (Material, Type, &/or Size)	QUANTITY	COST	ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>			<b>DOOR FRAMING</b>		
<b>FOUNDATION WALLS</b>			1 x 4—8'	2 pcs.	
60/40 Gravel	4½ cu. yds.		1 x 4—4'	1 pc.	
Cement	21 sacks		Blocking Garage Door 1 x 2 for		
<b>FLOOR SLAB</b>			¾" Siding	30 lin. ft.	
Sand Fill	6 cu. yds.		or ¾ x 2 for ¾" Siding	30 lin. ft.	
60/40 Gravel	6 cu. yds.		Panel Mold—¾ x 2 ½	22 lin. ft.	
Cement	28 sacks		Stop—½ x 2 ¾	18 lin. ft.	
			Casing—1 x 4	20 lin. ft.	
			1 x 2 Blocking for ¾" Siding	28 lin. ft.	
			or ¾ x 2 Blocking for		
			¾" Siding	28 lin. ft.	
		<b>TOTAL</b>			
<b>● FRAMING LUMBER</b>			<b>SIDING</b>		
<b>EXTERIOR WALLS</b>			Wood Siding	700 bd. ft.	
Plate—2 x 4	216 lin. ft.	Bd. Ft. 144	<b>PAINT</b>		
Studs—2 x 4—8'	72 pcs.	384	Primer, Exterior Grade	2 gals.	
Headers—2 x 10—22'	2 pcs.	37	House Paint, Exterior Grade	5 gals.	
Bracing—1 x 6—12'	6 pcs.	36			<b>TOTAL</b>
Bracing—2 x 4—8'	2 pcs.	11			
<b>ROOF</b>			<b>● FLOWER BOX &amp; SHUTTERS</b>		
Hips—2 x 6	72 lin. ft.	72	<b>SHUTTER MATERIAL</b>		
Rafters—2 x 6—14'	32 pcs.	448	3/8" plywood 13 ¾" x window		
Collar Ties—2 x 4—22'	8 pcs.	118	height opening minus 2 ¼"	2	
Roof Boards—1 x 6	800 bd. ft.	800	1 x 3 trim x window height long	4 pcs.	
Shingles—Asphalt	7 squares		1 x 3 trim x 10 ¾" long	6 pcs.	
Blocking—2 x 4	80 lin. ft.	53	½" quarter round	18 lin. ft.	
Blocking—1 x 4	100 lin. ft.	33			
Felt Paper—15 lb.	2 rolls		<b>FLOWER BOX MATERIAL</b>		
Track Support—2 x 4	1 pc.	12	Front 5/4" x 11 ½" x 32" plus		
		<b>TOTAL</b>	window opening width	1 pc.	
			Back 5/4" x 11 ½" x 29 ¾" plus		
<b>● HARDWARE</b>			window opening width	1 pc.	
16d Common Nails	50 lbs.		Sides 5/4" x 11 ½" x 10-9/16" long	2 pcs.	
8d Common Nails	30 lbs.		Bottom 1 x 10 x 29 ¾" plus window		
1" Roofing Nails	21 lbs.		opening width	1 pc.	
7d Box Nails	20 lbs.		Reinforcing blocks 2" x 10" x 9 ½"	3	
8d Casing Nails	6 lbs.		¾" quarter round	10 lin. ft.	
Carriage Bolts with Nuts—½" x 6"	25		Shims if needed		
Flat Washers—½"	25		<b>NAILS</b>		
Butts—3 ½" x 3 ½"	1 ½ pr.		6d finish nails	2 lbs.	
Mortise Lock	1		1 ½" wood screws	1 doz.	
Caulking Compound	10 lbs.				<b>TOTAL</b>
		<b>TOTAL</b>			
<b>● EXTERIOR TRIM</b>			<b>● CUPOLA</b>		
<b>CORNICE</b>			Roof Frame—1 x 8 x 2' 10"	2 pcs.	
1 x 6—Facia	104 lin. ft.		Side "A" ¾" waterproof ply-		
1 x 4—Frieze	90 lin. ft.		wood—2' 6" x 2' 0"	2 pcs.	
1" Soffit Boards	100 sq. ft.		Side "B" ¾" waterproof ply-		
¾" Quarter Round	90 lin. ft.		wood 2' 4 ½" x 2' 0"	3 pcs.	
<b>DRIP CAP</b>			Roof ¾" waterproof plywood		
Drip Cap	70 lin. ft.		2' 4" x 1' 1 ½"	4 pcs.	
1 x 6	70 lin. ft.		45° angle corner block		
<b>CORNER BOARDS</b>			¾" x 6" x 6"	2 pcs.	
1 x 4—7'	4 pcs.		2 x 2 base	12 lin. ft.	
1 x 3—7'	4 pcs.		¾" x 3 ½" x 3 ½" plywood		
<b>WINDOW</b>			(cut from scrap)	1 pc.	
Casement Type 2313	1		Sheet Metal 12' x 32"	2 pcs.	
Glass			Sheet Metal 12' x 36"	2 pcs.	
DSA 17 ½" x 12"	3 panes		Screen 12" x 24"	2 pcs.	
DSA 16" x 11 5/16"	2 panes		<b>NAILS</b>		
DSA 16" x 12"	1 pane		6d casing for mold	¼ lb.	
Steel Sash Putty	8 lbs.		6d common for ¾" plywood	1 lb.	
Glazing Clips	24		8d common for base	1 lb.	
<b>WINDOW FRAMING</b>			Box tacks for screen		
Sill—1 ¼ x 8—4'	1		3d common for ½" strips	½ lb.	
½ x 2	12 lin. ft.				<b>TOTAL</b>
¾ x 2	12 lin. ft.				
Casing—1 x 4—4'	2				
¼ Round	4 lin. ft.				
<b>DOORS</b>					
2/6 x 6/8—1 ¾" Sash Door	1				
16/0 x 7/0 Strand Track Type					
Double Garage Door	1				

All quotations on material should specify Grade and Type.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



**FRAME & BRICK VENEER • 1½-CAR • 9' STRAND DOOR • T-ROOF**



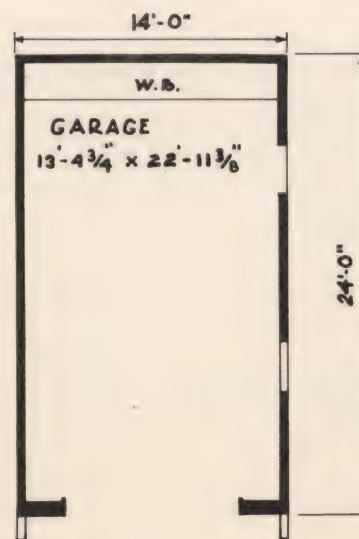
**STRAND**  
DESIGN NO.  
**5**

Lights in Strand door optional.

The T-shaped roof of this 1½ car garage gives low roof lines calculated to harmonize with the majority of wide ranch homes being built today. Additional protection is featured in the overhanging roof. The flower box and shutter arrangements are additional items included with plans. The trellis flanking both sides of garage door adds beauty. Constructed of frame, this unit will complement similar materials of the home. A work bench is featured to the rear.

**CONSTRUCTION BLUEPRINT \$1.00**

*Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.*





## MATERIAL LIST FOR STRAND GARAGE NO. 5

● <b>MASONRY</b>	
<b>FOUNDATION WALLS</b>	
60/40 Gravel	4 cu. yds.
Cement	18 sacks
<b>FLOOR SLAB</b>	
Sand Fill	4 1/2 cu. yds.
60/40 Gravel	4 1/2 cu. yds.
Cement	21 sacks
<b>BRICK VENEER</b>	
50/50 Sand	1 1/2 cu. yds.
Brick	270 pcs.
Mortar	3 sacks
Metal Wall Ties	20 pcs.
	<b>TOTAL</b> _____

## ● FRAMING LUMBER

EXTERIOR WALLS		Bd. Ft.
Plate—2 x 4	210 lin. ft.	140
Studs—2 x 4—8'	74 pcs.	395
Headers—2 x 6—14'	2 pcs.	42
Bracing—1 x 6—12'	7 pcs.	47
Bracing—2 x 4—8'	1 pc.	6
Sheathing—1 x 6	50 bd. ft.	50
ROOF		
Ridge—2 x 8	32 lin. ft.	43
Rafters—2 x 6—8'	32 pcs.	256
Rafters—2 x 6—10'	12 pcs.	120
Ties—2 x 4—14'	5 pcs.	40
Lookouts—2 x 4	22 lin. ft.	15
Felt—15 lb. Felt Paper	1 roll	
Roof Boards—1 x 6	500 bd. ft.	500
Shingles—Asphalt	4 squares	
Track Support—2 x 4	14 lin. ft.	10
		<b>TOTAL</b>

## ● HARDWARE

16d Common Nails	30 lbs.
8d Common Nails	20 lbs.
7d Box Nails	15 lbs.
1" Roofing Nails	12 lbs.
8d Casing Nails	4 lbs.
Carriage Bolts & Nuts— $\frac{1}{2}$ " x 6"	22
$\frac{1}{2}$ " Flat Washers	22
Butts— $3\frac{1}{2}$ " x $3\frac{1}{2}$ "	1 $\frac{1}{2}$ pr.
Mortise Lock	1
Caulking Compound	10 lbs.
	<b>TOTAL</b> .....

## ● EXTERIOR TRIM

CORNICE	
1 x 6	46 lin. ft.
Wood Soffit	24 sq. ft.
RAKES	
1 x 6	60 lin. ft.
DRIP CAP	
Drip Cap	60 lin. ft.
1 x 6	60 lin. ft.
WINDOW	
Fenestra Utility Window	1
Glass DSA 15" x 20"	2
DSA 15 3/8" x 19 3/8"	2
Steel Sash Putty	5 lbs.
Glazing Clips	16
WINDOW FRAMING	
Sill—1 1/4 x 8—4'	1
1/2 x 2 1/2	12 lin. ft.
1/2 x 1 1/2	12 lin. ft.
Casing—1 x 4—4'	4
Drip Cap	4 lin. ft.
1/4 Round	4 lin. ft.
1 x 2 Blocking for 3/4" Siding	24 lin. ft.
or 3/4 x 2 Blocking for 5/8" Siding	24 lin. ft.

ITEM (Material, Type, &/or Size)	QUANTITY	COST
DOORS		
2/6 x 6/8—1 3/4" Glazed Door	1	
9/0 x 7/0 Strand Track Type Garage Door	1	
DOOR FRAMING		
2 x 4 Jamb	18 lin. ft.	
Brick Mold	14 lin. ft.	
Panel Mold—3/8" x 2 1/2"	14 lin. ft.	
1/2 x 2 3/8 Stop	18 lin. ft.	
1 x 4 Casing	20 lin. ft.	
1 x 2 Blocking for 3/4" Siding or 3/8 x 2 Blocking for 3/8" Siding	28 lin. ft.	
Drip Cap	28 lin. ft.	
	4 lin. ft.	
TRELLIS		
2 x 6	50 lin. ft.	50 bd. ft.
SIDING		
Wood Siding	764 bd. ft.	
PAINT		
Primer, Exterior Grade	1 1/2 gals.	
House Paint, Exterior	4 gals.	
	<b>TOTAL</b>	

### ● FLOWER BOX & SHUTTERS

SHUTTER MATERIAL	
3/8" plywood 13 3/4" x window height opening minus 2 1/4"	2
1 x 3 trim x window height long	4 pcs.
1 x 3 trim x 10 3/4" long	6 pcs.
1/2" quarter round	18 lin. ft.

## FLOWER BOX MATERIAL

Front 5/4" x 11 1/2" x 32" plus window opening width	1 pc.
Back 5/4" x 11 1/2" x 29 1/8" plus window opening width	1 pc.
Sides 5/4" x 11 1/2" x 10-9/16" long	2 pcs.
Bottom 1 x 10 x 29 1/8" plus window opening width	1 pc.
Reinforcing blocks 2" x 10" x 9 1/2"	3
3/4" quarter round	10 lin. ft.
Shims if needed	

## NAILS

6d finish nails	2 lbs.
1 1/2" wood screws	1 doz.

## ● WORK BENCH

2 x 4—2' 10 3/8"	8 pcs.
1 x 4—1' 11"	16 pcs.
1 x 4—13' 4 3/4"	1 pc.
1 x 2—1' 11"	2 pcs.
1 x 6—13' 4 3/4"	2 pcs.
2 x 12—13' 4 3/4"	2 pcs.
1" board for shelves	27 sq. ft.
	<b>TOTAL</b>

**All quotations on material should specify Grade and Type.**

Material and labor cost for laying concrete pavement for a garage—to be _____ inches thick	\$ _____
Material and labor—for driveway to garage, dimensions _____, to be _____ inches thick	\$ _____
Building permit cost	\$ _____
Contractor's fee	\$ _____
Any other costs	\$ _____

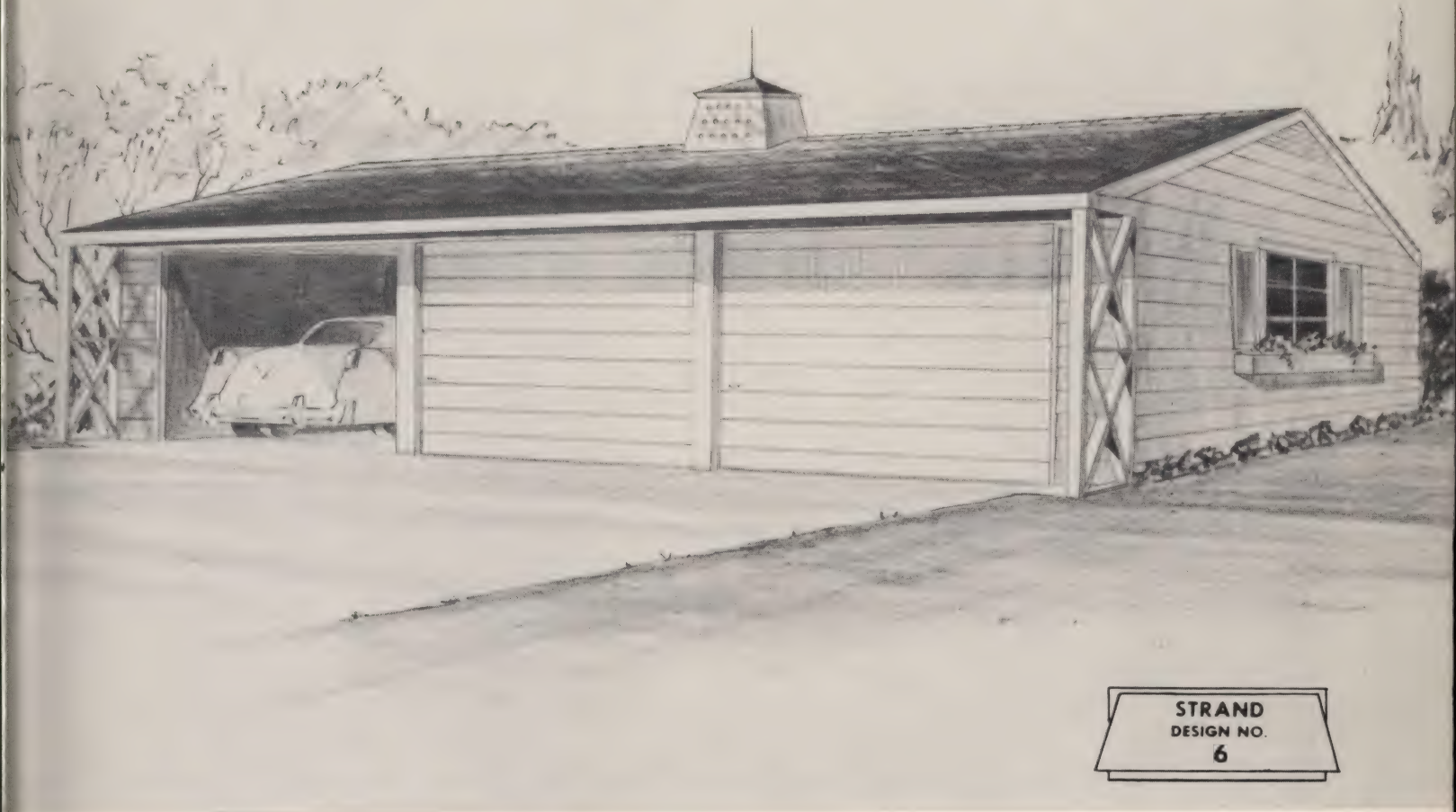
TOTAL \_\_\_\_\_

Your cost (including financing charge)\_\_\_\_\_monthly,  
financed over\_\_\_\_\_months.

**See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.**



# FRAME • 3-CAR • THREE STRAND DOORS • COLONIAL STYLE

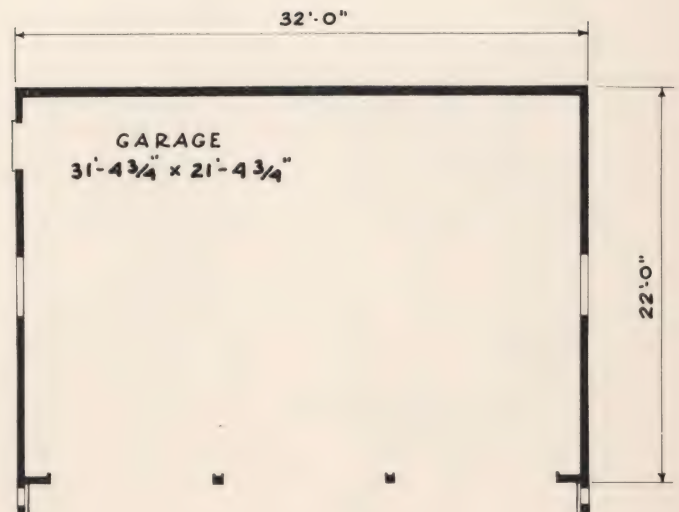


STRAND  
DESIGN NO.  
6

A three-car colonial styled garage with gable roof is featured here. If you have no need for all three car areas, they could be used for additional storage or in conjunction with income property. The cupola and flower box and shutters are optional items included with plans. Trellis posts on either side of garage doors are a feature.

## CONSTRUCTION BLUEPRINT \$1.00

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





# MATERIAL LIST FOR STRAND GARAGE NO. 6

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>		
<b>FOUNDATION WALLS</b>		
60/40 Gravel	5 1/2 cu. yds.	
Cement	25 sacks	
Sand Fill	9 cu. yds.	
60/40 Gravel	9 cu. yds.	
Cement	41 sacks	
<b>TOTAL</b>		_____
<b>● FRAMING LUMBER</b>		
<b>EXTERIOR WALLS</b>		
Plate—2 x 4	241 lin. ft.	160
Studs—2 x 4—8'	92 pcs.	491
Headers—2 x 6	64 lin. ft.	64
Bracing—1 x 6—12'	5 pcs.	30
Bracing—2 x 4—8'	3 pcs.	16
<b>ROOF</b>		
Ridge—2 x 8	32 lin. ft.	43
Rafters—2 x 6—12'	25 pcs.	300
Rafters—2 x 6—14'	25 pcs.	350
Ties—2 x 4	154 lin. ft.	103
Lookouts—1 x 4	32 lin. ft.	11
Lookouts—2 x 4	50 lin. ft.	33
Roof Boards—1 x 6	1000 bd. ft.	1000
Felt—15 lb. Felt Paper	2 1/2 rolls	
Shingles—Asphalt	9 squares	
Track Support—2 x 4	32 lin. ft.	22
Track Support Bracing—2 x 4	32 lin. ft.	22
<b>TOTAL</b>		_____
<b>● HARDWARE</b>		
16d Common Nails	50 lbs.	
8d Common Nails	30 lbs.	
1" Roofing Nails	27 lbs.	
7d Box Nails	22 lbs.	
8d Casing Nails	4 lbs.	
Carriage Bolts & Nuts—1/2" x 6"	28	
Flat Washers—1/2"	28	
Butts—3 1/2" x 3 1/2"	1 1/2 pr.	
Mortise Lock	1	
Caulking Compound	15 lbs.	
<b>TOTAL</b>		_____
<b>● EXTERIOR TRIM</b>		
<b>CORNICE</b>		
1 x 6	68 lin. ft.	
Soffit Boards	60 sq. ft.	
<b>RAKES</b>		
1 x 6—12'	2 pcs.	
1 x 6—14'	2 pcs.	
<b>DRIP CAP</b>		
Drip Cap	80 lin. ft.	
1 x 6	80 lin. ft.	
<b>WINDOWS</b>		
Fenestra Casement Type 2313	2	
Glass DSA 16" x 12"	2 panes	
DSA 16" x 11 5/16"	4 panes	
DSA 17 1/4" x 12"	6 panes	
Steel Sash Putty	15 lbs.	
Glazing Clips	48	
<b>WINDOW FRAMING</b>		
1 1/4 x 8—4'	2 pcs.	
1/2 x 2 1/2	24 lin. ft.	
1/2 x 1 1/2	24 lin. ft.	
Casing—1 x 4—4'	6 pcs.	
Drip Cap	8 lin. ft.	
1/4 Round	8 lin. ft.	
<b>DOORS</b>		
2/6 x 6/8—1 3/4" Glazed Door	1	
9/0 x 7/0 Strand Track Type Garage Doors	3	

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>DOOR FRAMING</b>		
Blocking—3/4" for 3/4"		
Siding	65 lin. ft.	
or 3/4" for 3/4"		
Siding	65 lin. ft.	
Face Board—2 Center		
Pieces—2 1 x 10—8'	16 lin. ft.	13 bd. ft.
Casing—1 x 6	36 lin. ft.	18 bd. ft.
1 x 8 Facia	32 lin. ft.	22 bd. ft.
3/4 x 2 1/2 Filler	32 lin. ft.	
1/2 x 2 3/4 Stop	18 lin. ft.	
Drip Cap	4 lin. ft.	
<b>POSTS</b>		
6 x 6—7/0 Boxed Posts	2 pcs.	
<b>TRELLIS</b>		
2 x 6	58 lin. ft.	
<b>LOUVERS</b>		
Peak Type Louvers	2	
<b>SIDING</b>		
Beveled Siding	826 bd. ft.	
<b>PAINT</b>		
Primer, Exterior Grade	2 gals.	
Exterior House Paint	6 gals.	
<b>TOTAL</b>		_____

## ● FLOWER BOX & SHUTTERS

<b>SHUTTER MATERIAL</b>		
3/8" plywood 13 3/4" x window height opening minus 2 1/4"	2	
1 x 3 trim x window height long	4 pcs.	
1 x 3 trim x 10 3/4" long	6 pcs.	
1/2" quarter round	18 lin. ft.	

## FLOWER BOX MATERIAL

Front 5/4" x 11 1/2" x 32" plus window opening width	1 pc.	
Back 5/4" x 11 1/2" x 29 7/8" plus window opening width	1 pc.	
Sides 5/4" x 11 1/2" x 10-9/16" long	2 pcs.	
Bottom 1 x 10 x 29 7/8" plus window opening width	1 pc.	
Reinforcing blocks 2" x 10" x 9 1/2"	3	
3/4" quarter round	10 lin. ft.	
Shims if needed		

## NAILS

6d finish nails	2 lbs.	
1 1/2" wood screws	1 doz.	

**TOTAL** \_\_\_\_\_

## ● CUPOLA

Roof Frame—1 x 8 x 2' 10"	2 pcs.	
Side "A" 3/4" waterproof plywood 2' 6" x 2' 0"	2 pcs.	
Side "B" 3/4" waterproof plywood 2' 4 1/2" x 2' 0"	3 pcs.	
Roof 3/4" waterproof plywood 2' 4" x 1' 1 1/2"	4 pcs.	
45° angle corner block 3/4" x 6" x 6"	2 pcs.	
2 x 2 base	12 lin. ft.	
3/4" x 3 1/2" x 3 1/2" plywood (cut from scrap)	1 pc.	
Sheet Metal 12" x 32"	2 pcs.	
Sheet Metal 12" x 36"	2 pcs.	
Screen 12" x 24"	2 pcs.	

## NAILS

6d casing for mold	1/4 lb.	
6d common for 3/4" plywood	1 lb.	
8d common for base	1 lb.	
Box Tacks for Screen		
3d common for 1/2" strips	1/8 lb.	

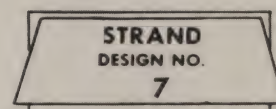
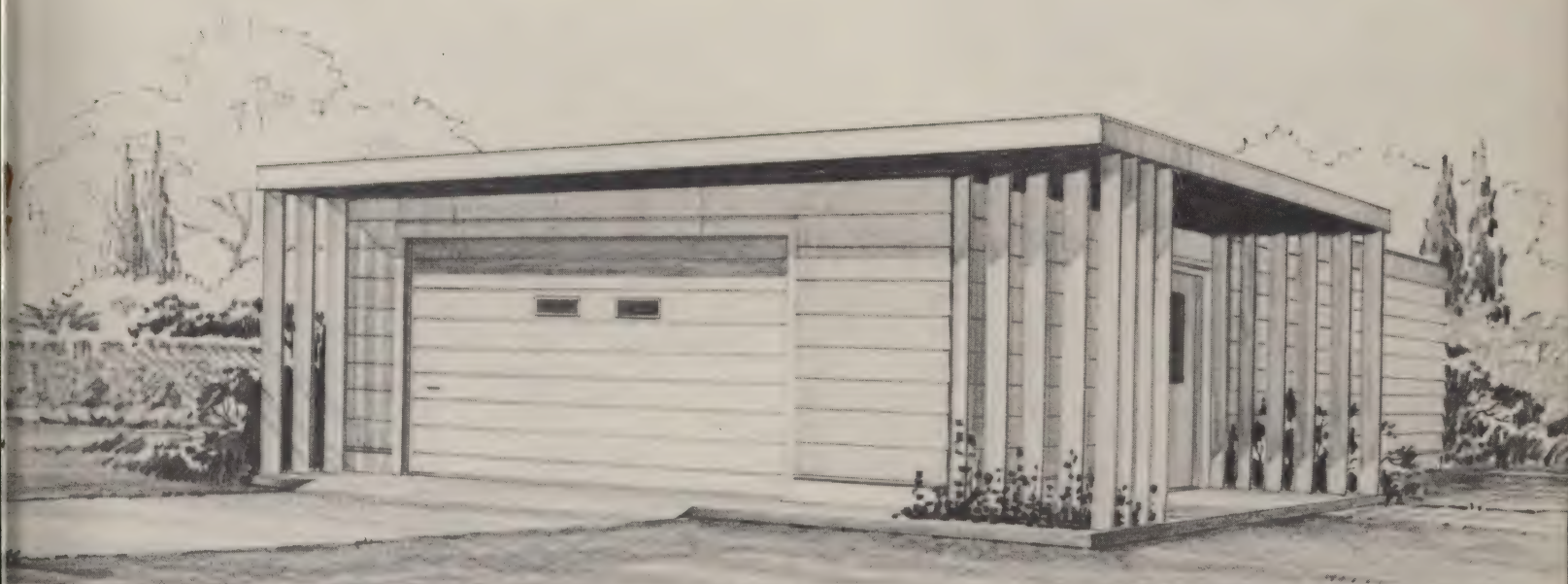
**TOTAL** \_\_\_\_\_

All quotations on material should specify Grade and Type.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



# FRAME • 1½-CAR • SINGLE STRAND DOOR • CONTEMPORARY STYLE

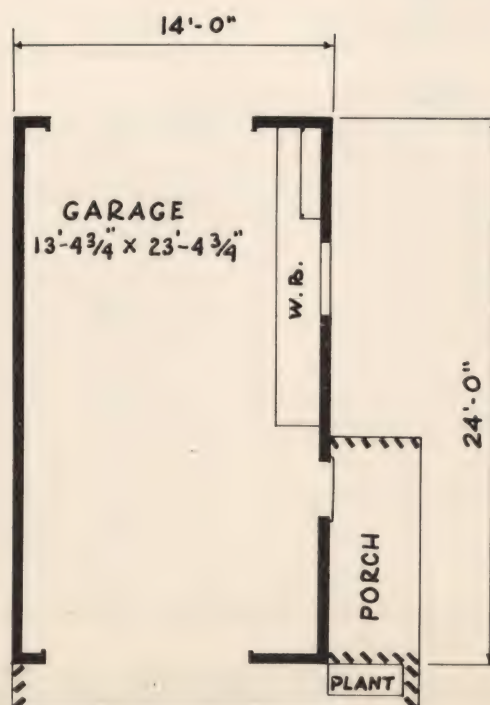


Lights in Strand door optional.

This contemporary—almost flat-roofed—1½ car garage highlights a sheltered porch with planting box at the right of the garage. Another excellent feature here is the rear door, permitting access both from front and rear, and allowing various arrangements for driveways. Of frame construction, the garage provides for work bench.

## CONSTRUCTION BLUEPRINT \$1.00

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





# MATERIAL LIST FOR STRAND GARAGE NO. 7

ITEM (Material, Type, &/or Size)	QUANTITY	COST	ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>					
<b>FOUNDATION WALL</b>					
60/40 Gravel	6 cu. yds.		Glass DSA 17 1/2" x 12"	3 panes	
Cement	28 sacks		DSA 16" x 11 5/16"	2 panes	
			DSA 16" x 12"	1 pane	
<b>FLOOR SLAB</b>					
Sand Fill	5 1/2 cu. yds.		Steel Sash Putty	8 lbs.	
60/40 Gravel	5 1/2 cu. yds.		Glazing Clips	24	
Cement	25 sacks		<b>WINDOW FRAMING</b>		
<b>TOTAL</b> _____			Sill—5/4 x 8—4'	1 pc.	
<b>● FRAMING LUMBER</b>					
<b>EXTERIOR WALLS</b>					
		Bd. Ft.	Stops—1/2 x 2 1/2	12 lin. ft.	
Plate—2 x 4	234 lin. ft.	156	Stops—1/2 x 1 1/2	12 lin. ft.	
Studs—2 x 4—8'	66 pcs.	352	1/4 Round	4 lin. ft.	
Headers—2 x 6—14'	4 pcs.	56	Drip Cap	4 lin. ft.	
Blocking—1 x 4	168 lin. ft.	56	Casing—1 x 4—4'	3 pcs.	
Bracing—1 x 6	66 lin. ft.	33	<b>DOORS</b>		
Bracing—2 x 4—8'	4 pcs.	21	2/6 x 6/8—1 3/4" Glazed Door	1	
<b>ROOF</b>					
Rafters—2 x 8—14'	11 pcs.	205	9/0 x 7/0 Strand Track Type Door	2	
Rafters—2 x 8—18'	8 pcs.	192	<b>DOOR FRAMING</b>		
Header—2 x 8	88 lin. ft.	117	1 x 4 Casing	48 lin. ft.	
Cantilever Rafters—2 x 8	46 lin. ft.	62	Drip Cap	20 lin. ft.	
Track Support—2 x 4—14'	1 pc.	10	Blocking—1" x 2" for 3/4" Siding	68 lin. ft.	
Roof Boards—1 x 6	500 bd. ft.	500	or 3/8" x 2" for 3/8" Siding	68 lin. ft.	
<b>ROOFING</b>					
3 ply built-up roofing	4 1/2 squares		Door Stop—1/2" x 2 3/8"	18 lin. ft.	
Gravel Stop	88 lin. ft.		Panel Mold—3/8" x 2 1/2"	28 lin. ft.	
<b>TOTAL</b> _____			Stop—1/2" x 2 3/8"	18 lin. ft.	
<b>● HARDWARE</b>					
16d Common Nails	25 lbs.		Casing—1 x 4	20 lin. ft.	
8d Common Nails	20 lbs.		Drip Cap	4 lin. ft.	
7d Box Nails	15 lbs.		<b>SIDING</b>		
8d Casing Nails	3 lbs.		Wood Siding	730 bd. ft.	
Carriage Bolts & Nuts—1/2" x 6"	30		<b>PAINT</b>		
Flat Washers—1/2"	30		Primer, Exterior Grade	2 gals.	
Butts—3 1/2" x 3 1/2"	1 1/2 pr.		House Paint, Exterior	5 gals.	
Mortise Lock	1		<b>TOTAL</b> _____		
Caulking Compound	10 lbs.		<b>● WORK BENCH</b>		
<b>TOTAL</b> _____			2 x 4—2' 10 3/8"	8 pcs.	
<b>● EXTERIOR TRIM</b>					
<b>CORNICE</b>					
1 x 10	90 lin. ft.		1 x 4—1' 11"	16 pcs.	
Soffit Boards	76 sq. ft.		1 x 4—13' 2"	1 pc.	
3/4 quarter round	24 lin. ft.		1 x 2—1' 11"	2 pcs.	
<b>DRIP CAP</b>					
Drip Cap	70 lin. ft.		1 x 6—13' 2"	2 pcs.	
1 x 6	70 lin. ft.		2 x 12—13' 2"	2 pcs.	
<b>TRELLIS</b>					
2 x 6—9'	18 pcs.		1" boards for shelf	21 sq. ft.	
2 x 6—14'	1 pc.		Stock kitchen cabinet	1	
<b>WINDOW</b>			<b>TOTAL</b> _____		
Fenestra Casement Type 2313	1		<b>●</b>		

All quotations on material should specify Grade and Type.

Material and labor cost for laying concrete pavement for a garage—to be \_\_\_\_\_ inches thick \$ \_\_\_\_\_

Material and labor—for driveway to garage, dimensions \_\_\_\_\_, to be \_\_\_\_\_ inches thick \$ \_\_\_\_\_

Building permit cost \$ \_\_\_\_\_

Contractor's fee \$ \_\_\_\_\_

Any other costs \$ \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

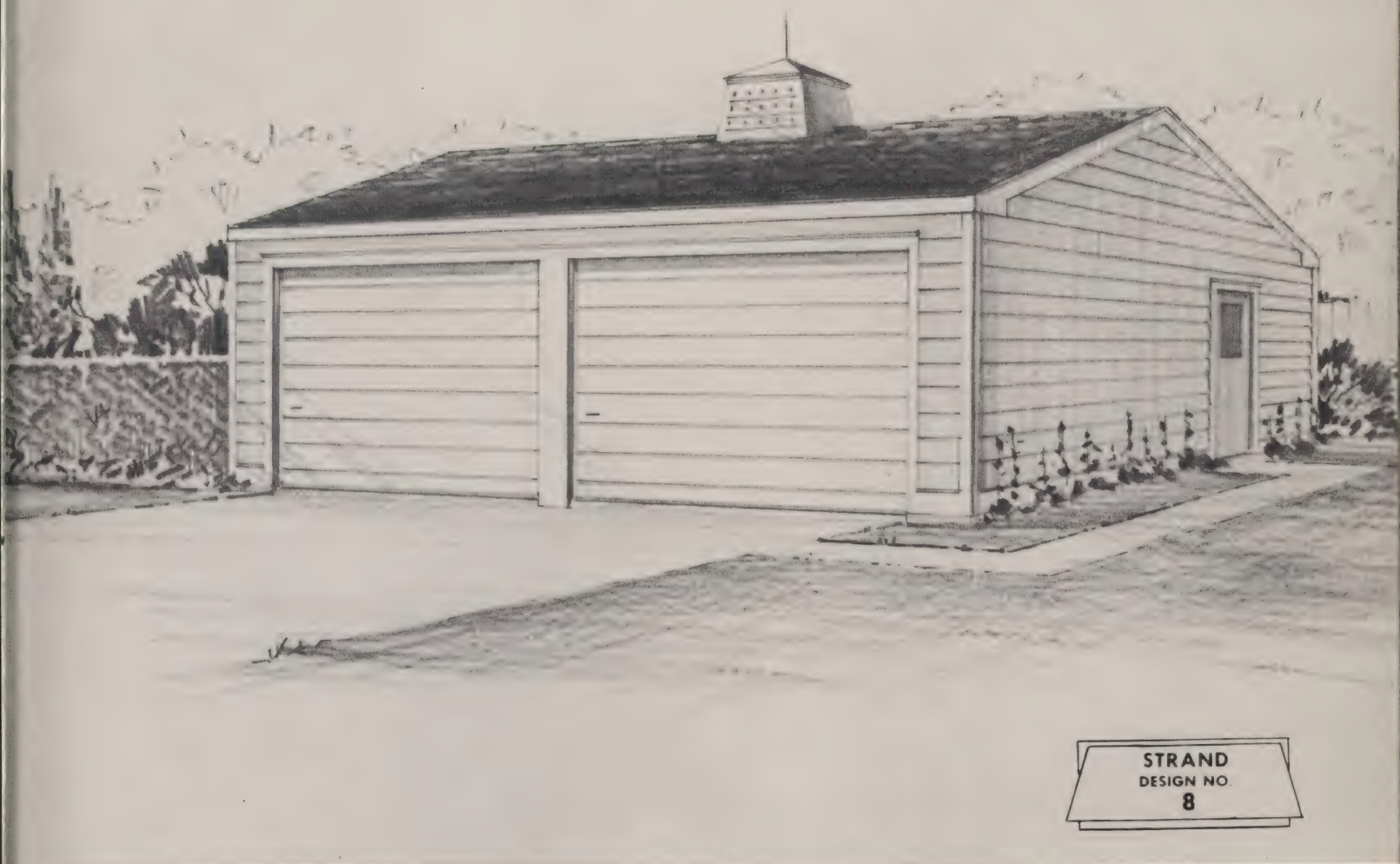
**TOTAL** \_\_\_\_\_

Your cost (including financing charge) \_\_\_\_\_ monthly, financed over \_\_\_\_\_ months.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



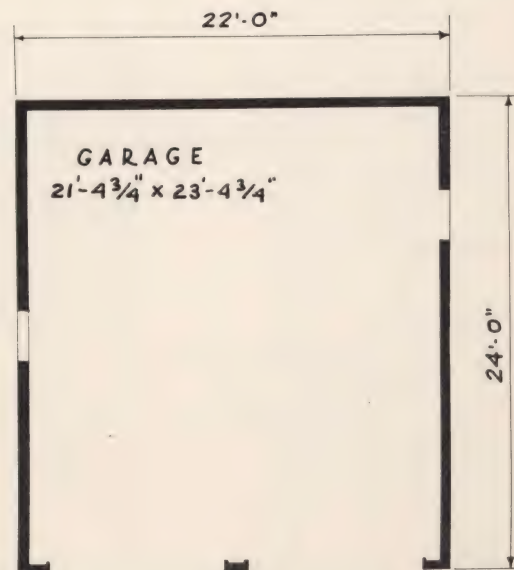
## FRAME • 2-CAR • TWO STRAND DOORS • LOW COST



Designed for economical construction, this is a two-car garage with two doors separated by a center post. The gable roof and simple lines throughout add balance and beauty to this compact design. The cupola is an additional item included in the plans.

### CONSTRUCTION BLUEPRINT \$1.00

*Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.*





# MATERIAL LIST FOR STRAND GARAGE NO. 8

ITEM (Material, Type, &/or Size)	QUANTITY	COST	ITEM (Material, Type, &/or Size)	QUANTITY	COST			
● MASONRY								
FOUNDATION WALLS								
60/40 Gravel	4½ cu. yds.		Sill—5/4 x 8—4'	1 pc.				
Cement	21 sacks		Stops—½ x 2½	12 lin. ft.				
FLOOR SLAB								
Sand Fill	7 cu. yds.		Stops—½ x 1½	12 lin. ft.				
60/40 Gravel	7 cu. yds.		Casing—1 x 4	12 lin. ft.				
Cement	32 sacks		¼ Round	4 lin. ft.				
TOTAL			Drip Cap	4 lin. ft.				
● FRAMING LUMBER								
EXTERIOR WALLS								
Plate—2 x 4	240 lin. ft.	160	DOORS					
Studs—2 x 4—7'	84 pcs.	392	2/6 x 6/8—1¾" Sash Door	1				
Headers—2 x 6—20'	2 pcs.	40	9/0 x 7/0 Strand Track					
Blocking—1 x 4—20'	2 pcs.	13	Type Doors	2				
Bracing—1 x 6—12'	6 pcs.	36	DOOR FRAMING					
Bracing—2 x 4—8'	2 pcs.	11	Drip Cap	25 lin. ft.				
ROOF								
Ridge—2 x 8	22 lin. ft.	29	Blocking—1" x 2" for ¾" Siding	75 lin. ft.				
Rafter—2 x 6—14'	36 pcs.	504	or ¾" x 2" for ¾" Siding	75 lin. ft.				
Collar Ties—2 x 4—24'	5 pcs.	80	Casing—1 x 4	75 lin. ft.				
Felt—15 lb. Felt Paper	1½ rolls		Panel Mold—¾" x 2½"	22 lin. ft.				
Roof Boards—1 x 6	670 bd. ft.	670	Stop—½ x 2½	18 lin. ft.				
Shingles—Asphalt	6 squares		SIDING					
Track Support—2 x 4—22'	1 pc.	15	Wood Siding	780 bd. ft.				
Blocking—2 x 4 (for track support)	10 lin. ft.	7	PAINT					
TOTAL			Primer, Exterior Grade	1½ gals.				
● HARDWARE						House Paint, Exterior	4¼ gals.	
16d Common Nails	40 lbs.		TOTAL					
8d Common Nails	25 lbs.		● CUPOLA					
1" Roofing Nails	18 lbs.		Roof Frame—1 x 8 x 2'—10"	2 pcs.				
7d Box Nails	20 lbs.		Side "A" ¾" waterproof plywood 2' 6" x 2' 0"	2 pcs.				
8d Casing Nails	4 lbs.		Side "B" ¾" waterproof plywood—2' 4½" x 2' 0"	3 pcs.				
Carriage Bolts with Nuts—½" x 6"	28		Roof ¾" waterproof plywood 2' 4" x 1' 1½"	4 pcs.				
Flat Washers—½"	28		45° angle corner block ¾" x 6" x 6"	2 pcs.				
Butts—3½" x 3½"	1½ pr.		2 x 2 base	12 lin. ft.				
Caulking Compound	10 lbs.		¾" x 3½" x 3½" plywood (cut from scrap)	1 pc.				
Mortise Lock	1		Sheet Metal 12" x 32"	2 pcs.				
TOTAL			Sheet Metal 12" x 36"	2 pcs.				
● EXTERIOR TRIM						Screen 12" x 24"	2 pcs.	
CORNICE						NAILS		
1 x 6	50 lin. ft.		6d casing for mold	¼ lb.				
RAKES						6d common for ¾" plywood	1 lb.	
1 x 6	56 lin. ft.		8d common for base	1 lb.				
DRIP CAP						Box tacks for screen		
Drip Cap	72 lin. ft.		3d common for ½" strips	⅛ lb.				
1 x 6	72 lin. ft.		TOTAL					
CORNER BOARDS						All quotations on material should specify Grade and Type.		
1 x 3	4 pcs.		●					
1 x 4	4 pcs.		Material and labor cost for laying concrete pavement for a garage—to be _____ inches thick \$_____					
WINDOW						Material and labor—for driveway to garage, dimensions_____, to be _____ inches thick \$_____		
Fenestra Utility Window	1		Building permit cost \$_____					
Glass DSA—15" x 20"	2 panes		Contractor's fee \$_____					
DSA—15½" x 19¾"	2 panes		Any other costs \$_____					
Steel Sash Putty	5 lbs.		_____					
Glazing Clips	24		_____					
						TOTAL		

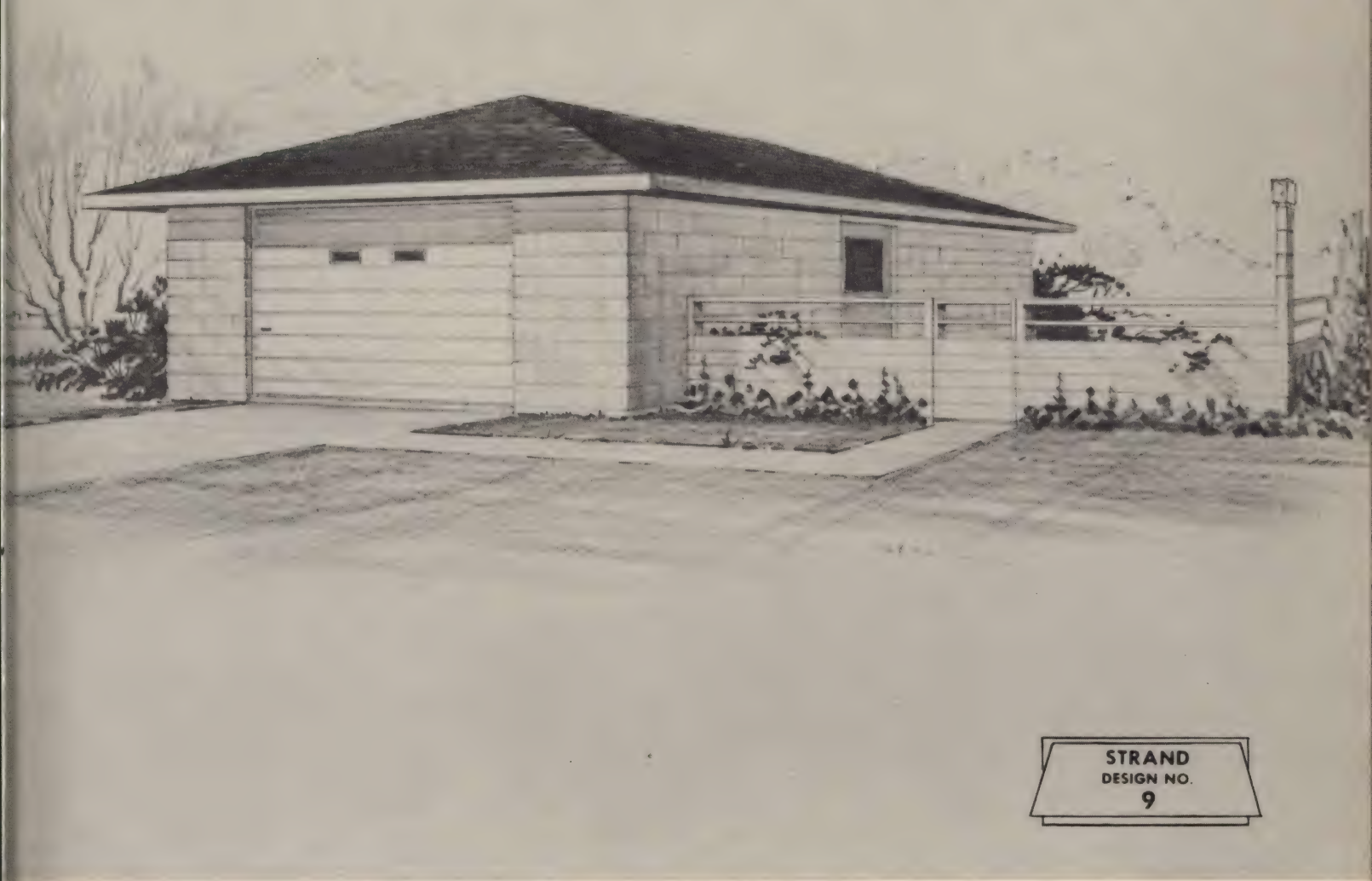
All quotations on material should specify Grade and Type.

Material and labor cost for laying concrete pavement for a garage—to be _____ inches thick	\$ _____
Material and labor—for driveway to garage, dimensions _____, to be _____ inches thick	\$ _____
Building permit cost	\$ _____
Contractor's fee	\$ _____
Any other costs	\$ _____
	_____
	_____
	<b>TOTAL</b> _____
Your cost (including financing charge) _____ monthly, financed over _____ months.	

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



# BLOCK • 1½-CAR • SINGLE STRAND DOOR • LOW COST



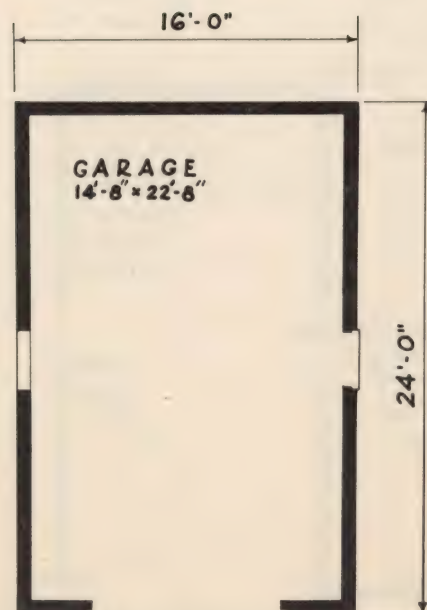
STRAND  
DESIGN NO.  
9

Lights in Strand door optional.

A snug and well-planned 1½ car garage is illustrated here with hip roof and block construction. The garage coincides with the four-foot modular system, taking advantage of economical construction which avoids extra cutting of blocks and wasted materials. The ranch fence, lamp post and flower pot shelf are optional items included in plans.

## CONSTRUCTION BLUEPRINT \$1.00

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





# MATERIAL LIST FOR STRAND GARAGE NO. 9

ITEM (Material, Type, &/or Size)	QUANTITY	COST	ITEM (Material, Type, &/or Size)	QUANTITY	COST
● MASONRY					
FOUNDATION WALLS					
60/40 Gravel	6 cu. yds.				
Cement	28 sacks				
FLOOR SLAB					
Fill Sand	5 cu. yds.				
60/40 Gravel	5 cu. yds.				
Cement	23 sacks				
EXTERIOR WALLS					
8 x 8 x 16 Blocks	670 pcs.				
8 x 8 x 8 Corner Blocks	50 pcs.				
8 x 8 x 16 Corner Blocks	50 pcs.				
50/50 Sand	5 cu. yds.				
Mortar	30 sacks				
Anchor Bolts & Nuts for Plate and Door Jamb	30 pcs.				
8 x 8 x 16 Casement Blocks	5				
8 x 8 x 8 Casement Blocks	5				
Concrete Window Sill—32" Long	1				
Concrete Window Lintle					
		TOTAL			
● FRAMING LUMBER					
ROOF		Bd. Ft.			
Ridge & Hips—2 x 8	64 lin. ft.	85			
Rafters—2 x 6—12'	42 pcs.	504			
Ties—2 x 4—16'	5 pcs.	53			
Lookouts—1 x 4	80 lin. ft.	27			
Lookouts—2 x 4	140 lin. ft.	93			
Felt—15 lb. Felt Paper	2 rolls				
Roof Boards—1 x 6	700 bd. ft.	700			
Shingles	6½ squares				
Plate—2 x 8	80 lin. ft.	107			
Headers—2 x 12—9'	2 pcs.	36			
Headers—Blocking ¾ x 4	20 lin. ft.				
		TOTAL			
● HARDWARE					
16d Common Nails	15 lbs.				
8d Common Nails	20 lbs.				
1" Roofing Nails	15 lbs.				
8d Casing Nails	3 lbs.				
Butts—3 ½" x 3 ½"	1 ½ pr.				
Mortise Lock	1				
Caulking Compound	10 lbs.				
		TOTAL			
● EXTERIOR TRIM					
CORNICE					
1 x 6	100 lin. ft.				
Soffit Boards	180 sq. ft.				
Brick Mold	90 lin. ft.				
WINDOW					
Fenestra Utility Window	1				
Glass DSA 15" x 20"	2 panes				
DSA 15 ½" x 20"	2 panes				
Steel Sash Putty	5 lbs.				
Glazing Clips	24				
DOORS					
2/6 x 6/8—1 ¾" Glazed Door	1				
9/0 x 7/0 Strand Track Type Door	1				
DOOR FRAMING					
2/6 x 6/8—1 ¾" Masonry Door Frame	1				
2/6 Jamb	24 lin. ft.				
Brick Mold	32 lin. ft.				
Door Jamb—2" x 6"—14'	1				
PAINT					
Primer, Exterior Grade	1 gal.				
House Paint, Exterior	2 ½ gals.				
		TOTAL			
● FENCE					
GATE MATERIAL					
2 x 4 x 36" top and bottom	2 pcs.				
2 x 4 x 32 ¾" horizontal pcs.	2 pcs.				
2 x 4 x 42" cross bracing (cut to fit)	2 pcs.				
2 x 4 x 38" sides	2 pcs.				
1 x 6 V-cut boards 36" long	5 pcs.				
4 x 4 x 6' 6" long fence posts	2				
Hinges, screws and a latch	2				
NAILS					
10d finish nails	½ lb.				
8d finish nails	½ lb.				
6d finish nails	¼ lb.				
LAMP POST MATERIAL					
4 x 4 x 10' 0" long lamp post	1				
Outdoor lantern	1				
MATERIAL FOR 8 LIN. FEET OF FENCE:					
4 x 4 x 6' 6" long fence post	1				
2 x 4 x 93 ½" long horizontal pcs.	4 pcs.				
2 x 4 x 24 ¼" long	2 pcs.				
1 x 6 V-cut boards	46 lin. ft.				
NAILS					
10d finish	1 lb.				
8d finish	½ lb.				
6d finish	½ lb.				
		TOTAL			

All quotations on material should specify Grade and Type.

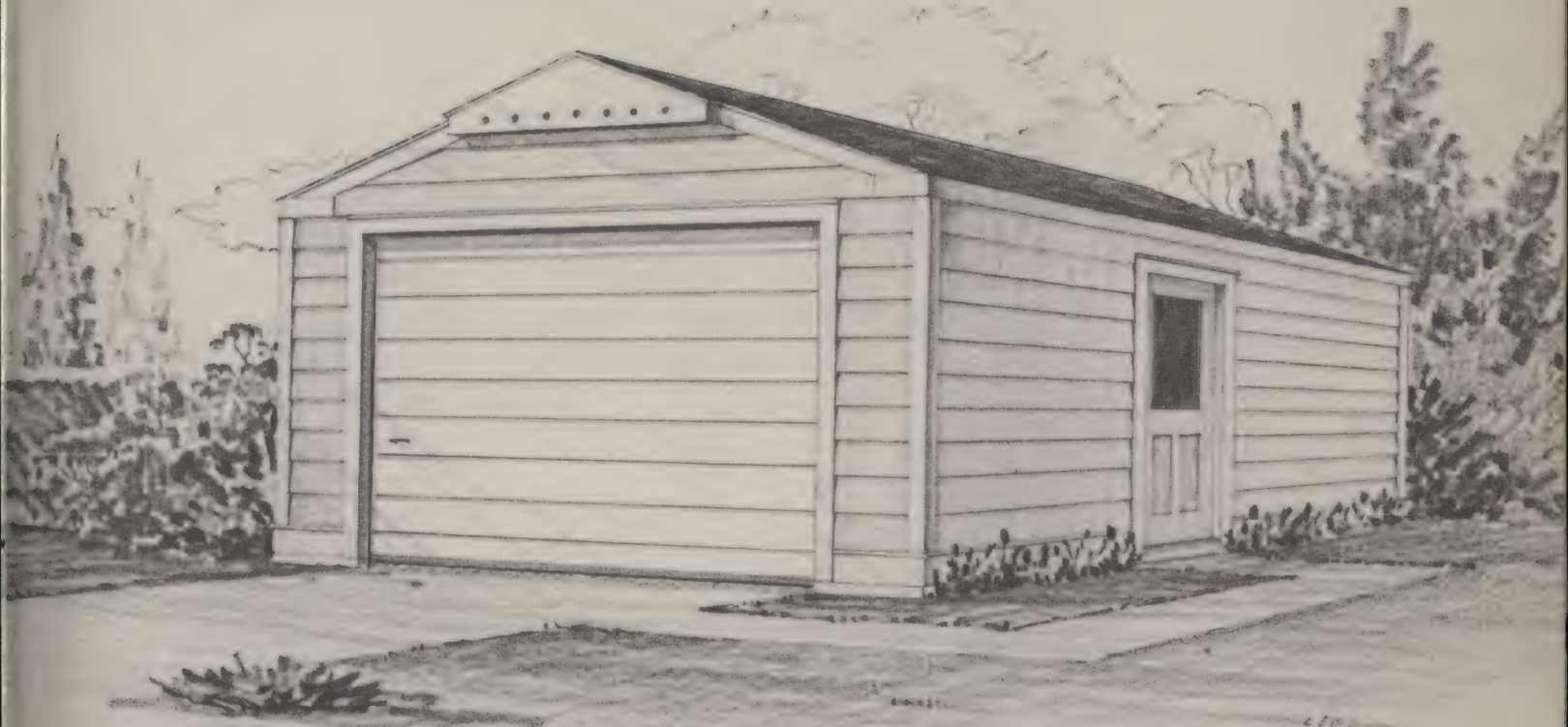
See page 30 for detailed instructions for the preparation of opening for STRAND All-Steel Garage Door

All quotations on material should specify Grade and Type.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



**FRAME • 1-CAR • SINGLE STRAND DOOR • LOW COST**

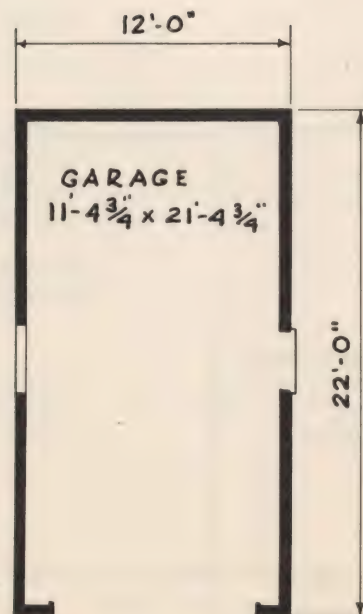


**STRAND  
DESIGN NO.  
10**

Economy is the keynote of this single-car garage. Designed to please the average family and fit the modest budget. A decorative dove cote provides a pleasant motif and additional ventilation.

**CONSTRUCTION BLUEPRINT \$1.00**

*Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.*





# MATERIAL LIST FOR STRAND GARAGE NO.10

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>		
<b>FOUNDATION WALLS</b>		
60/40 Gravel	3 1/2 cu. yds.	
Cement	16 sacks	
<b>FLOOR SLAB</b>		
Sand Fill	3 1/2 cu. yds.	
60/40 Gravel	3 1/2 cu. yds.	
Cement	16 sacks	
<b>TOTAL</b>		_____

<b>● FRAMING LUMBER</b>		
<b>EXTERIOR WALL</b>		
		Bd. Ft.
Plate 2 x 4	200 lin. ft.	133
Studs—2 x 4—7'	60 pcs.	280
Headers—2 x 6—12'	2 pcs.	24
Bracing—1 x 6—12'	6 pcs.	36
Bracing—2 x 4—8'	2 pcs.	11
<b>ROOF</b>		
Ridge—2 x 8	23 lin. ft.	31
Rafters—2 x 6—7'	34 pcs.	238
Collar Beaming 2 x 4—12'	6 pcs.	48
Roof Boards—1 x 6	400 bd. ft.	400
Shingles—Asphalt	3 1/2 squares	
Roofing Felt	1 roll	
<b>TOTAL</b>		_____

<b>● HARDWARE</b>		
16d Common Nails	30 lbs.	
8d Common Nails	18 lbs.	
1" Roofing Nails	10 lbs.	
7d Box Nails	12 lbs.	
8d Casing Nails	2 lbs.	
Carriage Bolts & Nuts—1/2" x 16"	18	
Flat Washers—1/2"	18	
Mortise Lock	1	
Butts—3 1/2" x 3 1/2"	1 1/2 pr.	
Caulking Compound	10 lbs.	
<b>TOTAL</b>		_____

<b>● EXTERIOR TRIM</b>		
<b>CORNICE</b>		
1 x 6	52 lin. ft.	
<b>RAKES</b>		
1 x 6	28 lin. ft.	
<b>DOVE COTE</b>		
3/4" plywood 1/6 x 4/0	1 pc.	
1 x 4	6 lin. ft.	
Cove Mold	6 lin. ft.	
Wire Screen 4" x 3' 6"	2 pcs.	
<b>DRIP CAP</b>		
Drip Cap	60 lin. ft.	
1 x 6	60 lin. ft.	
<b>WINDOW</b>		
Fenestra Utility Window	1	
Glass—DSA 15" x 20"	2 panes	
Glass—DSA 15 1/2" x 19 1/2"	2 panes	
Steel Sash Putty	5 lbs.	

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>WINDOW FRAMING</b>		
Sill—5/4 x 8	4 lin. ft.	
Stops—1/2 x 2 1/2	12 lin. ft.	
Stops—1/2 x 1 1/2	12 lin. ft.	
Casing—1 x 4	12 lin. ft.	
1/4 Round	4 lin. ft.	
<b>DOORS</b>		
2/6 x 6/8—1 3/4" Sash Door	1	
9/0 x 7/0 Strand Track Type Door	1	
<b>DOOR FRAMING</b>		
1 x 4 Casing	55 lin. ft.	
Drip Cap	12 lin. ft.	
Blocking—1" x 2" for 3/4" Siding	55 lin. ft.	
or 3/4" x 2" for 3/4" Siding	55 lin. ft.	
1/2 x 2 3/8 Stop	18 lin. ft.	
Casing—1 x 4	42 lin. ft.	
Drip Cap	4 lin. ft.	
<b>SIDING</b>		
Wood Siding	600 bd. ft.	
<b>PAINT</b>		
Primer, Exterior Grade	1 1/2 gals.	
House Paint, Exterior	3 gals.	
<b>TOTAL</b>		_____

<b>● FLOWER BOX &amp; SHUTTERS</b>		
<b>SHUTTER MATERIAL</b>		
3/8" plywood 13 3/4" x window height opening minus 2 1/4"	2	
1 x 3 trim x window height long	4 pcs.	
1 x 3 trim x 10 3/4" long	6 pcs.	
1/2" quarter round	18 lin. ft.	
<b>FLOWER BOX MATERIAL</b>		
Front 5/4" x 11 1/2" x 32" plus window opening width	1 pc.	
Back 5/4" x 11 1/2" x 29 1/4" plus window opening width	1 pc.	
Sides 5/4" x 11 1/2" x 10-9/16" long	2 pcs.	
Bottom 1 x 10 x 29 1/4" plus window opening width	1 pc.	
Reinforcing blocks 2" x 10" x 9 1/2"	3	
3/4" quarter round	10 lin. ft.	
Shims if needed		
<b>NAILS</b>		
6d finish nails	2 lbs.	
1 1/2" wood screws	1 doz.	
<b>TOTAL</b>		_____

All quotations on material should specify Grade and Type.

Material and labor cost for laying concrete pavement for a garage—to be _____ inches thick	\$ _____
Material and labor—for driveway to garage, dimensions _____, to be _____ inches thick	\$ _____
Building permit cost	\$ _____
Contractor's fee	\$ _____
Any other costs	\$ _____
_____	
_____	
_____	
<b>TOTAL</b> _____	

Your cost (including financing charge) \_\_\_\_\_ monthly,  
financed over \_\_\_\_\_ months.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



# FRAME • 1½-CAR • SINGLE STRAND DOOR • SIDE PORCH



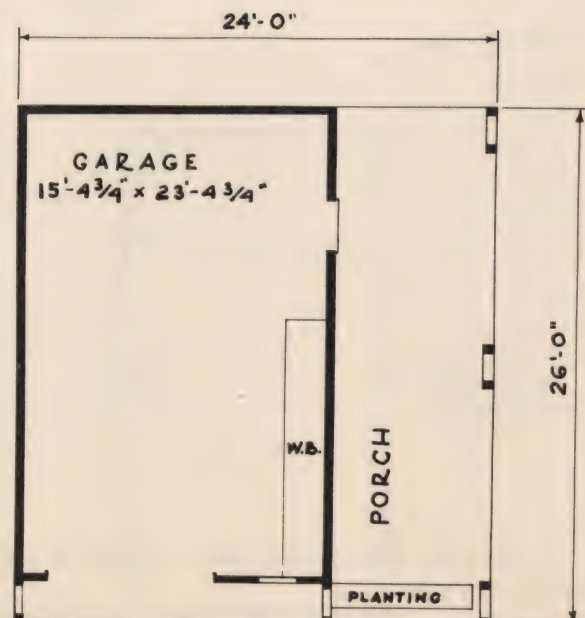
STRAND  
DESIGN NO.  
11

Lights in Strand door optional.

This 1½ car frame garage features an 8' x 24' covered porch which can be screened for summer lounging. It is enhanced by a colorful planting box. Other details here are gable roof, trellis on front and sides, and ample storage space inside.

## CONSTRUCTION BLUEPRINT \$1.00

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





# MATERIAL LIST FOR STRAND GARAGE NO. 11

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>		
<b>FOUNDATION WALLS</b>		
60/40 gravel	7 1/2 cu. yds.	
Cement	35 sacks	
<b>FLOOR SLABS</b>		
Sand Fill	7 1/2 cu. yds.	
60/40 Gravel	7 1/2 cu. yds.	
Cement	35 sacks	
	<b>TOTAL</b>	_____

<b>● FRAMING LUMBER</b>		
<b>EXTERIOR WALLS</b>		
		Bd. Ft.
Plate—2 x 4'	220 lin. ft.	148
Studs—2 x 4—7'	90 pcs.	420
Headers—2 x 6—16'	2 pcs.	32
Beams—2 x 6	116 lin. ft.	116
Bracing—1 x 6—12'	6 pcs.	36
Bracing—2 x 4—8'	3 pcs.	16
<b>ROOF</b>		
Ridge—2 x 8	28 lin. ft.	37
Rafters—2 x 6—14'	42 pcs.	588
Ties—2 x 6—16'	6 pcs.	96
Porch Ceiling—2 x 4—9'	20 pcs.	120
Overhang—2 x 4	38 lin. ft.	25
Overhang—1 x 4	24 lin. ft.	8
Felt—15 lb. Felt Paper	2 rolls	
Roof Boards—1 x 6	800 bd. ft.	800
Shingles—Asphalt	7 squares	
	<b>TOTAL</b>	_____

<b>● HARDWARE</b>		
16d Common Nails	60 lbs.	
8d Common Nails	35 lbs.	
1" Roofing Nails	21 lbs.	
7d Box Nails	20 lbs.	
8d Casing Nails	5 lbs.	
8d Steel Cut Nails	3 lbs.	
Carriage Bolts & Nuts—1/2" x 6"	25	
Flat Washers—1/2"	25	
Butts—3 1/2" x 3 1/2"	1 1/2 pr.	
Mortise Lock	1	
Caulking Compound	10 lbs.	
	<b>TOTAL</b>	_____

<b>● EXTERIOR TRIM</b>		
<b>CORNICE</b>		
Drip Cap	48 lin. ft.	
1 x 6	110 lin. ft.	
1 x 6	110 lin. ft.	
<b>RAKES—1 x 6—14'</b>	4 pcs.	
<b>PORCH (Posts)—4 x 4 x 7'</b>	8 pcs.	
(Posts)—2 x 4—7'	4 pcs.	
<b>PORCH</b>		
1 x 4	60 lin. ft.	
1 x 8	60 lin. ft.	
3/4 Quarter Round	100 lin. ft.	
Soffit Boards	240 sq. ft.	

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>TRELLIS</b>		
Cross Pieces—2 x 4	46 lin. ft.	
<b>WINDOW</b>		
Fenestra Casement Type 1313	1	
Sill—1 1/4 x 8	3 lin. ft.	
Stops—1/2 x 2 1/2	10 lin. ft.	
Stops—1/2 x 1 1/2	10 lin. ft.	
Casing—1 x 4	10 lin. ft.	
Quarter Round	3 lin. ft.	
Glass DSA—16" x 11 5/16"	2 panes	
DSA—16" x 12"	1 pane	
Steel Sash Putty	2 lbs.	
Glazing Clips	12	
<b>DOORS</b>		
2/6 x 6/8—1 3/4" Sash Door	1	
9/0 x 7/0 Strand Track		
Type Door	1	
<b>DOOR FRAMING</b>		
1 x 4 Casing	24 lin. ft.	
Blocking—1 x 2 for 3/4" Siding	24 lin. ft.	
or 3/8" x 2" for 3/4" Siding	24 lin. ft.	
Panel Mold—3/8 x 2 1/2	16 lin. ft.	
Stop—1/2 x 2 3/8	18 lin. ft.	
Casing—1 x 4	18 lin. ft.	
Blocking—1 x 2 for 3/4" Siding	18 lin. ft.	
or 3/8 x 2 for 3/8" Siding	18 lin. ft.	
<b>DRIP CAP</b>		
Drip Cap	72 lin. ft.	
1 x 6	72 lin. ft.	
<b>SIDING</b>		
Wood Siding	726 bd. ft.	
<b>PAINT</b>		
Primer, Exterior Grade	2 1/2 gals.	
House Paint, Exterior	6 gals.	
	<b>TOTAL</b>	_____
<b>● WORK BENCH</b>		
2 x 4—2' 10 3/8"	8 pcs.	
1 x 4—1' 11"	16 pcs.	
1 x 4—13' 2"	1 pc.	
1 x 2—1' 11"	2 pcs.	
1 x 6—13' 2"	2 pcs.	
2 x 12—13' 2"	2 pcs.	
1" Boards for shelving	27 sq. ft.	
	<b>TOTAL</b>	_____

All quotations on material should specify Grade and Type.

Material and labor cost for laying concrete pavement for a garage—to be \_\_\_\_\_ inches thick \$\_\_\_\_\_

Material and labor—for driveway to garage, dimensions\_\_\_\_\_, to be \_\_\_\_\_ inches thick \$\_\_\_\_\_

Building permit cost \$\_\_\_\_\_

Contractor's fee \$\_\_\_\_\_

Any other costs \$\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

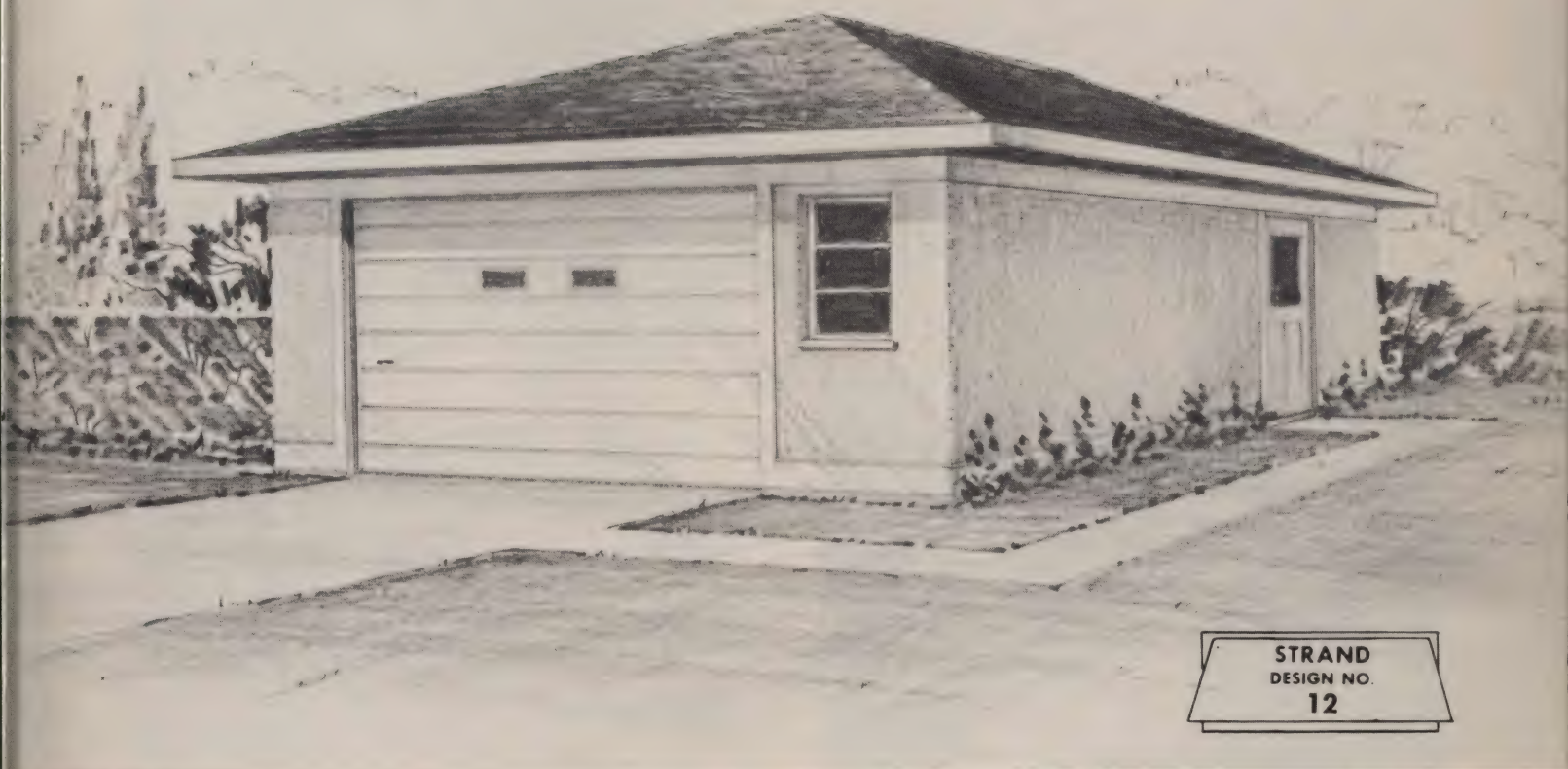
**TOTAL** \_\_\_\_\_

Your cost (including financing charge)\_\_\_\_\_monthly,  
financed over\_\_\_\_\_months.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.



# STUCCO • 1½-CAR • SINGLE STRAND DOOR • HIP ROOF



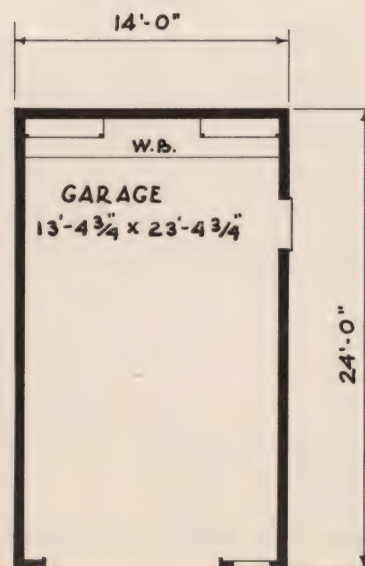
STRAND  
DESIGN NO.  
12

Lights in Strand door optional.

To complement your stucco home, here is a 1½ car garage calling for stucco construction. The hip roof and low lines will be appreciated especially by those living in the West, since this is a style prevailing in that region. A planting shelf is included with plans and a work bench is situated to the rear.

## CONSTRUCTION BLUEPRINT \$1.00

Get from your lumber dealer, or send check or money order for \$1.00 to Strand Garage Door Division, Detroit Steel Products Company, 2250 E. Grand Blvd., Detroit 11, Michigan. Please include plan number and your name and address.





# MATERIAL LIST FOR STRAND GARAGE NO.12

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>● MASONRY</b>		
<b>FOUNDATION WALLS</b>		
60/40 Gravel	4 cu. yds.	
Cement	18 sacks.	
<b>FLOOR SLAB</b>		
Sand Fill	4½ cu. yds.	
Cement	21 sacks	
60/40 Gravel	4½ cu. yds.	
<b>STUCCO</b>		
	56 sq. yds.	
<b>TOTAL _____</b>		

## ● FRAMING LUMBER

EXTERIOR WALLS		Bd Ft.
Plate—2 x 4	241 lin. ft.	160
Studs—2 x 4—8'	62 pcs.	331
Headers—2 x 6—14'	2 pcs.	28
Sheathing—1 x 6	600 bd. ft.	600
Bracing—1 x 6—12'	6 pcs.	36
2 x 4—8'	2 pcs.	11

## ROOF

Ridge—2 x 8	12 lin. ft.	16
Hips—2 x 6	48 lin. ft.	48
Rafters—2 x 6—9'	38 pcs.	342
Ties—2 x 4—14'	5 pcs.	47
Felt—15 lb. Felt Paper	1½ rolls	
Lookouts—1 x 4	80 lin. ft.	27
Lookouts—2 x 4	90 lin. ft.	60
Roof Boards—1 x 6	550 bd. ft.	550
Shingles—Asphalt	5 squares	

**TOTAL \_\_\_\_\_**

## ● HARDWARE

16d Common Nails	30 lbs.
8d Common Nails	40 lbs.
1" Roofing Nails	15 lbs.
8d Casing Nails	4 lbs.
½" x 6" Carriage Bolts & Nuts	20
½" Flat Washers	20
Mortise Lock	1
Self Furring Steel Lath	60 yds.
Caulking Compound	5 lbs.
3½" x 3½" Butts	1½ pr.

**TOTAL \_\_\_\_\_**

## ● EXTERIOR TRIM

### CORNICE

1 x 6	90 lin. ft.
1 x 12	84 lin. ft.
1¼ x 6	80 lin. ft.

ITEM (Material, Type, &/or Size)	QUANTITY	COST
<b>DRIP CAP</b>		
Drip Cap	68 lin. ft.	
1 x 6	68 lin. ft.	
<b>WINDOW</b>		
Fenestra Casement Type 1313	1	
Glass		
DSA 16" x 11-5/16"	2 panes	
DSA 16" x 12"	1 pane	
Steel Sash Putty	2 lbs.	
Glazing Clips	12	

## WINDOW FRAMING

Sill—1¼ x 8—4'	1 pc.	4 bd. ft.
½ x 2½	12 lin. ft.	
Brick Mold	12 lin. ft.	

## DOORS

2/6 x 6/8—1¾" Sash Door	1
9/0 x 7/0 Strand Track Type Door	1

## DOOR FRAMING

5/4 x 4—7'	2 pcs.
¾" x 2½" Panel Mold	9 lin. ft.
½ x 2½ Stop	18 lin. ft.
5/4 x 4 Casing	14 lin. ft.
5/4 x 2 Casing	4 lin. ft.

## PAINT

Exterior Grade Primer	1 gal.
Exterior House Paint	2 gals.

**TOTAL \_\_\_\_\_**

## ● WORK BENCH

2 x 4—2' 10¾"	8 pcs.
1 x 4—1' 11"	16 pcs.
1 x 6—13' 2"	2 pcs.
2 x 12—13' 2"	2 pcs.
1 x 4—13' 2"	1 pc.
1 x 2—1' 11"	2 pcs.
1" Board Shelving	27 sq. ft.

**TOTAL \_\_\_\_\_**

**All quotations on material should specify Grade and Type.**

Material and labor cost for laying concrete pavement for a garage—to be _____ inches thick	\$ _____
Material and labor—for driveway to garage, dimensions _____, to be _____ inches thick	\$ _____
Building permit cost	\$ _____
Contractor's fee	\$ _____
Any other costs	\$ _____

**TOTAL \_\_\_\_\_**

Your cost (including financing charge) \_\_\_\_\_ monthly, financed over \_\_\_\_\_ months.

See page 30 for detailed instructions for the preparation of openings for STRAND All-Steel Garage Doors.

**STRAND**

*All-Steel • Galvannealed* **GARAGE DOORS**



# THE AVERAGE HANDYMAN CAN INSTALL THESE STRAND ALL-STEEL GALVANNEALED OVERHEAD GARAGE DOORS



Lights in Strand door optional.

## 8' x 7' RECEDING TRACK TYPE AND CANOPY

New horizontal-line styling adds new beauty to this standard-width STRAND Door, and harmonizes with today's architecture. STRAND'S 8' x 7' Door is available in both Receding (Track) and Canopy Types. Wider, deeper frame gives greater strength. Ball-bearing rollers and strong adjustable springs assure easy, quiet and smooth operation of Receding Type. Strong adjustable springs do the lifting and permit easy opening and closing of Canopy Type. Requires less than 2" of headroom . . . no interference with overhead ties or storage space. Heavy rubber weatherstrip at bottom of all-steel panel seals doors against drafts and snow. Can be trimmed to fit uneven floors. Factory-assembled hardware comes ready to install. Saves valuable installation time.



Lights in Strand door optional.



### RECEDING (track) TYPE

Swings open easily on ball-bearing rollers and disappears completely inside the garage, when open.

## 9' x 7' RECEDING TRACK TYPE AND CANOPY

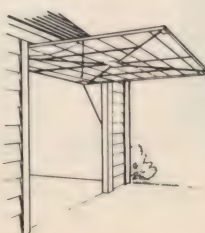
*Extra width gives extra clearance.* No more banged-up fenders from too-narrow garage openings. Horizontal-line styling provides that wide, spacious look — new beauty for the garage. Swings open easily at a turn of the handle. Rugged, new "X-type" steel bracing adds to the great strength and rigidity of the one-piece, all-steel door leaf. Deeper, stronger, steel frame. One-piece leaf eliminates field assembly of separate sections; packaged hardware is factory-assembled: Installation is simple and easy. Requires less than 2" of headroom. Weatherstrip at bottom seals opening against drafts and snow.



Lights in Strand door optional.

## 16' x 7' RECEDING TRACK TYPE

The STRAND All-Steel, Horizontal-Line, Track-Type Door for double garages is shipped in two sections (each 8' x 7'), complete with necessary joining material and packaged, factory-assembled hardware. This beautiful double-width door assures the same easy, low-cost installation, and the same sturdy strength, ease of operation, and other advantages of STRAND Single Doors. STRAND Double-Garage Door eliminates the cost of building a center post—ensures an unobstructed opening 16' wide—and costs less than two Single Doors.



### CANOPY TYPE

Provides shelter from sun and rain when open, extending only 16" inside garage.

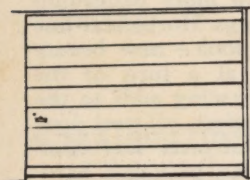


## ELECTRICAL WELDING



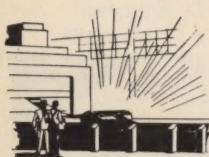
Steel sheets welded together form a one-piece door leaf with no bolts, screws, rivets or stitches to become loose.

## NEW STYLE AND BEAUTY



All types of STRAND Doors have the new, smart horizontal-line styling. In keeping with the latest architectural trends it adds beauty to the garage and goes well with practically all of today's popular designs.

## GALVANNEALING



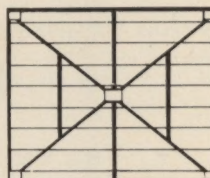
Galvanized with a heavy zinc coat for lasting rust protection and oven baked to provide a clinging base for paint. No prime coat needed.

## PACKAGED HARDWARE



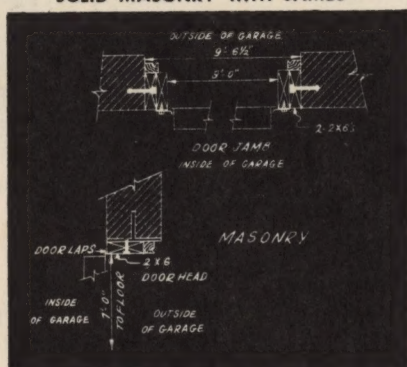
Everything comes ready to install — nothing more to buy. Hardware serves as installation template on jambs. COSTS LESS TO INSTALL than any other door.

## RIGID CONSTRUCTION

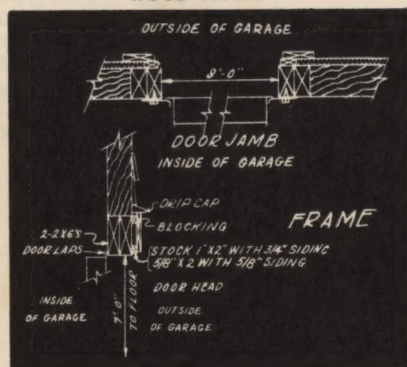


Heavy diagonal steel braces, welded to the deeper, sturdier frame, form the kind of structure used for strength in bridges and prevent sagging and weaving. Steel stands up under shipping and handling — won't warp, shrink, rot, or splinter.

### SOLID MASONRY WITH JAMBS



## WOOD FRAME



## HOW TO BUILD GARAGE DOOR OPENINGS

Proper preparation of the garage door opening is **IMPORTANT** if doors are to be installed Quickly—Easily—and operate satisfactorily!

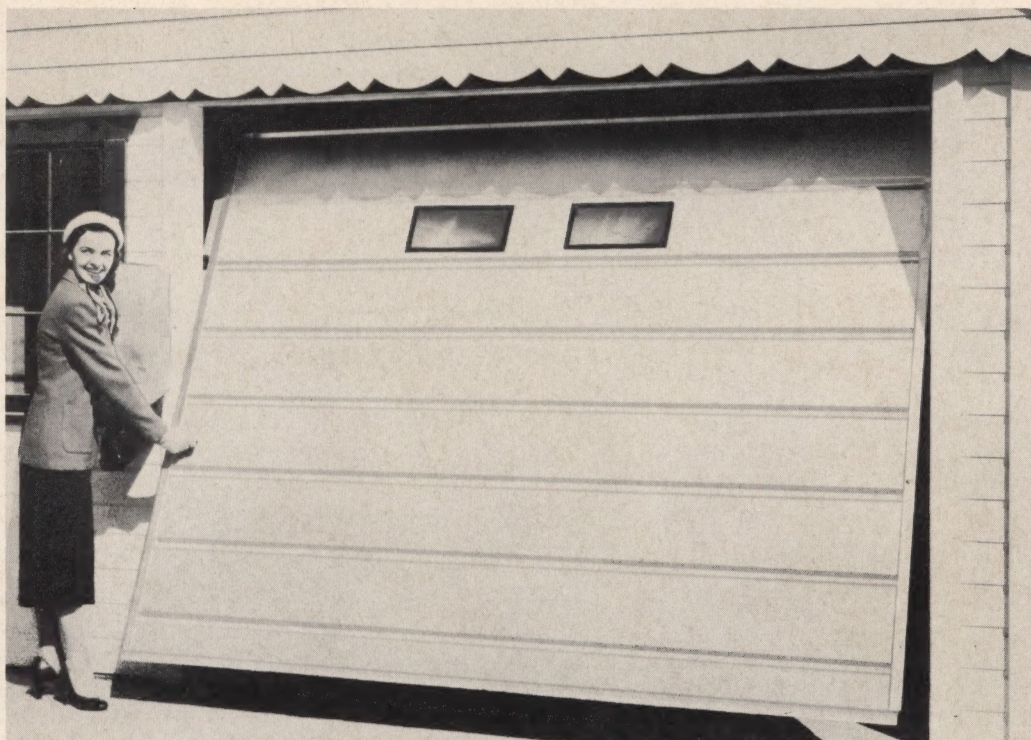
Strand Garage Doors require a minimum of material and expense —no special construction details of any kind.

Strand hardware is jamb-hung type—both for Canopy and Receding doors.

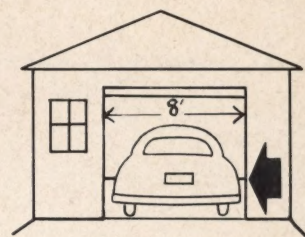
There are only four important points to watch:

1. Use lumber for side jams that is of good quality, straight, strong and securely fastened to the construction. This member must be a minimum of  $1\frac{5}{8}$ " thick (2 x 4 or 2 x 6). *Do not* use 1" lumber for casing.
2. Be sure that inside face of header trim (usually 1" lumber) is *flush* with inside face of side jamb.
3. Opening dimension in both width and height must be maintained uniformly for the entire opening. Expense and trouble will be avoided if this is watched carefully. For example:  
The 8' 0", 9' 0" or 16' 0" width dimensions must be the same at the top, middle and bottom of the opening. The same applies for the height dimension of 7' 0". This must be the same at both sides and the middle.
4. Openings must be square and plumb. (You can easily check for plumbness by running a string diagonally from top to bottom corners. If the strings touch at the point in the center where they pass each other, the opening is plumb)—and watch the floor construction if the level of the garage floor is to be higher than the drive. We recommend a slope from the inside face of side jamb to the outside.

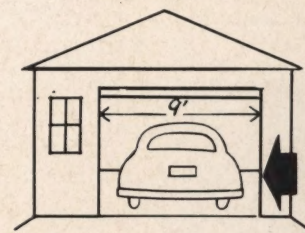




Lights in Strand door optional.

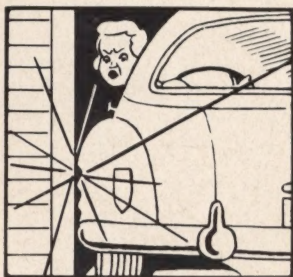


New cars as wide as 6' 8" make it a tight squeeze getting into the conventional 8' garage opening, and it's worse if a turn has to be made.



Strand's 9' wide garage door saves owners money on fender repairs for years and years to come.

## Before you build your garage (*the average handyman can do it!*) LEARN ABOUT THIS 9-FT. DOOR that saves banged-up fenders—yet costs less installed!



Today, most garages are still being built with an opening 8' wide—the same width that was "standard" 30 or 40 years ago. But as everyone knows, today's cars represent a startling contrast, in width as well as in general design, with cars built in the 20's and 30's. With modern cars as wide as 6' 8"—thousands of owners appreciate the extra clearance given by Strand's nine-foot-wide door to protect against costly fender damage.

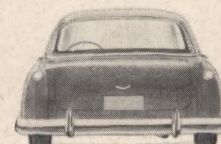
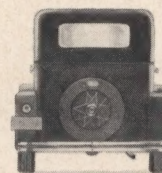
With 12" more width, the daily chore of maneuvering the car in and out of the garage is made easier. The housewife has room to get in and out of the garage with that big bundle of groceries. And the difference in cost of this 9' door (over a door only 8' wide) is negligible—adding only about \$6 to the cost of an 8' door.

Today, most garages are still being built with an opening 8' wide—the same width that was "standard" 30 or 40 years ago. But as everyone knows, today's cars represent a startling contrast, in width as well as in general design, with cars built in the 20's and 30's. With modern cars as wide as 6' 8"—thousands of owners appreciate the extra clearance given by Strand's nine-foot-wide door to protect against costly fender damage.

This popular steel door will stay new for a lifetime and you get permanently easy operation. No warping, swelling, sagging—ever. Strand doors are galvanized (galvanized with a heavy zinc coat for rust protection; oven baked to provide a clinging base for paint). No prime coat needed. Based on installed cost, Strand is America's greatest garage door value. Low first cost—because of huge production. Lowest installation cost, because of one-piece door leaf and factory-assembled hardware.

See Strand's beautiful 9' x 7' door (as well as the 8' x 7' and 16' x 7' doors)—at your lumber dealer's.

Building  
your Garage

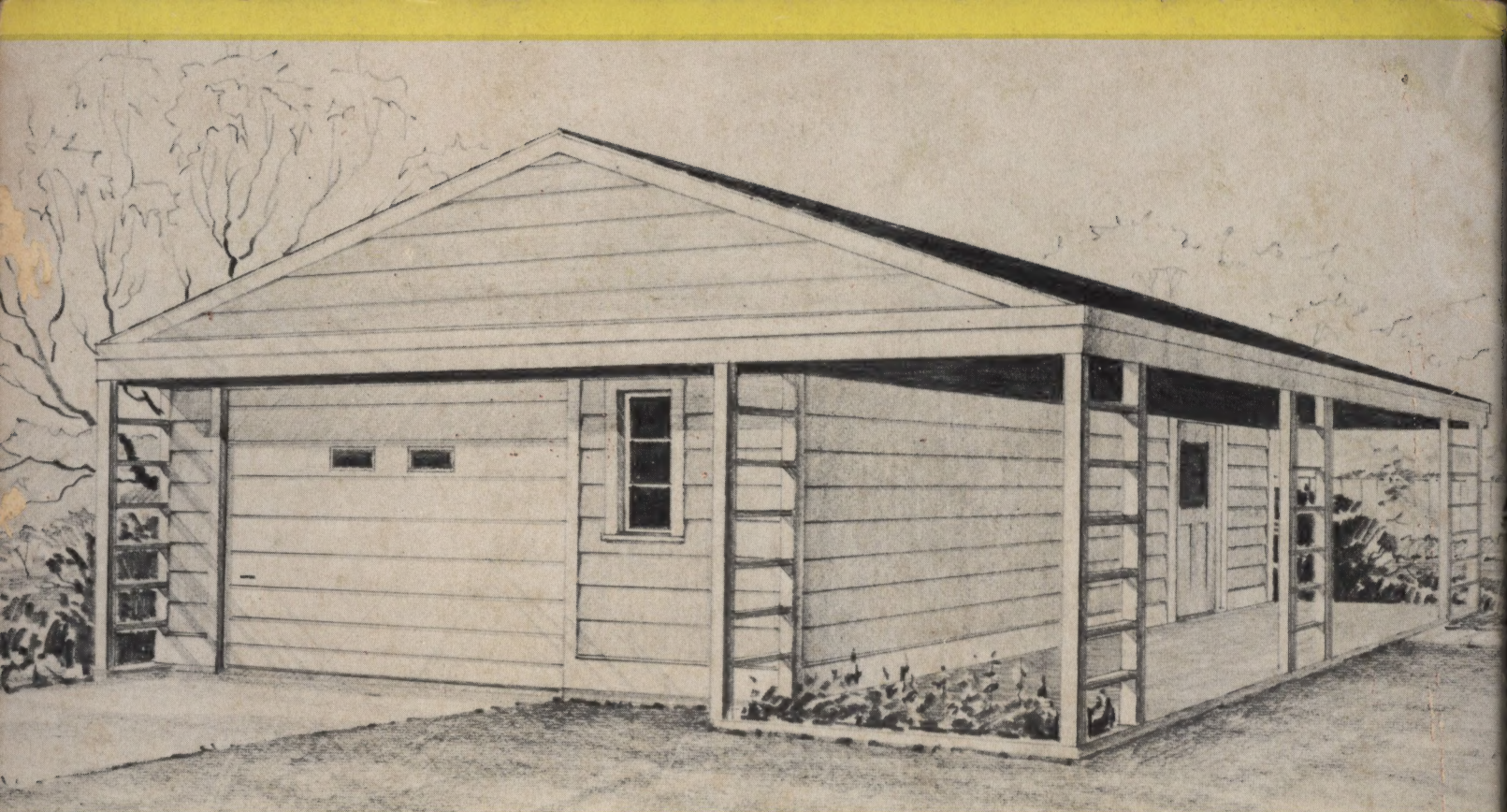


for this car . . . or this?

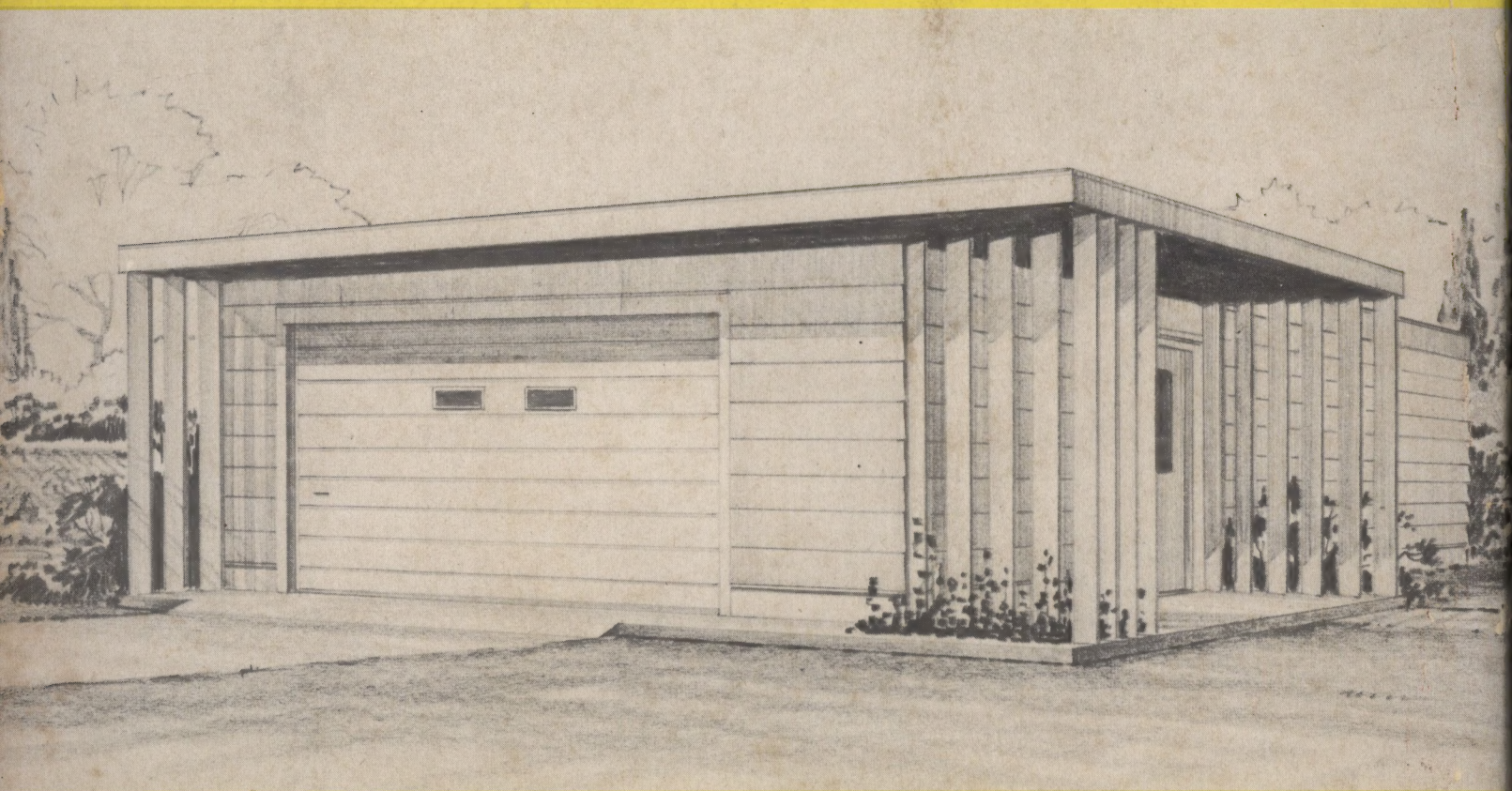
**STRAND GARAGE DOOR DIVISION, DETROIT STEEL PRODUCTS COMPANY**

2250 East Grand Blvd., Detroit 11, Michigan





Lights in Strand door optional.



Lights in Strand door optional.

**STRAND GARAGE DOOR DIVISION, Detroit Steel Products Co., 2250 E. Grand Blvd., Detroit 11, Mich.**



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